

# Portfolio - Rizwan Hameed

## AI based Anti-Malware Solution Management Portal (Can't disclose name due to NDA)

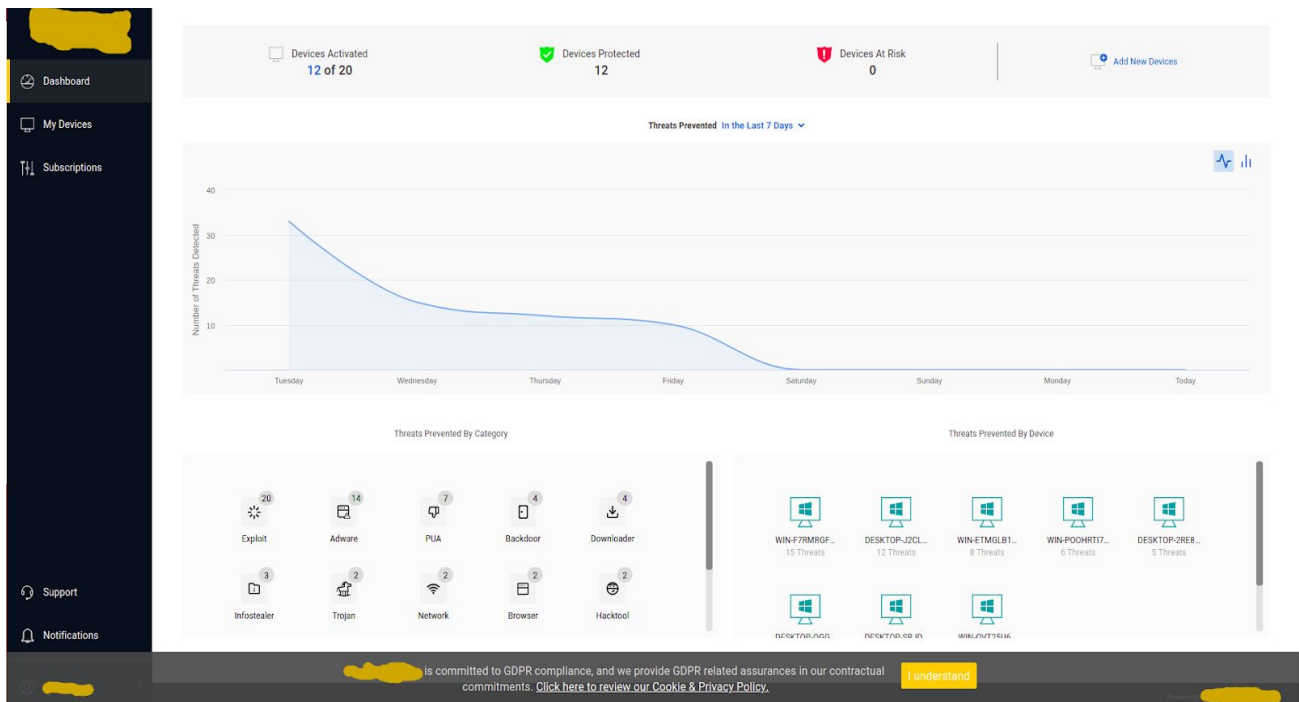
05 Jan 2018 - Present

### Description:

It's a management portal of AI based anti-malware solution, by this portal we keep control of settings, actions and analytics of each device. I am Lead of development team who is working on this portal. We developed Frontend/APIs endpoints which support multiple operations using Django/Django-Rest as well with some background jobs execution using celery. There are two frontend interfaces which are developed for this portal, one is purely with django jinja templates and the other one developed using ReactJS.

### Technologies Used:

Python, Django, DjangoRest, PostgreSQL, Celery, Redis, Docker, ReactJS, HTML, EmotionJS



Dashboard

My Devices

Subscriptions

Support

Notifications

Add New Devices

---

12 of 20 Licenses in Use

Buy More Licenses

Filter Search...

DESKTOP-2REBQL2

OFFLINE - 4.0

DESKTOP-74UB31M

OFFLINE - 4.0

DESKTOP-J2CLRHS

OFFLINE - 4.0

DESKTOP-QG66VB

OFFLINE - 4.0

DESKTOP-SRJD60

OFFLINE - 4.0

DESKTOP-SRJD60

OFFLINE - 4.0

WIN-ETMGLB18L05

OFFLINE - 4.0

WIN-F79MRGF6V73

OFFLINE - 4.0

WIN-F79MRGF6V73

OFFLINE - 4.0

WIN-POOHR1172MU

OFFLINE - 4.0

WIN-QV725U6H54

OFFLINE - 4.0

WIN-QV725U6H54

OFFLINE - 4.0

Dashboard

My Devices

Subscriptions

Support

Notifications

Filter Search...

DESKTOP-2REBQL2

OFFLINE - 4.0

DESKTOP-74UB31M

OFFLINE - 4.0

DESKTOP-J2CLRHS

OFFLINE - 4.0

WIN-ETMGLB18L05

OFFLINE - 4.0

WIN-F79MRGF6V73

OFFLINE - 4.0

WIN-F79MRGF6V73

OFFLINE - 4.0

### Device Detail

**DEVICE NAME**  
DESKTOP-2REBQL2

**STATUS**  
Protected

**CONNECTION STATUS**  
OFFLINE - 4.0

**USERNAME**  
DESKTOP-2REBQL2\da201

**MAC ADDRESS**  
E00C29CD8D5B

**OPERATING SYSTEM**  
Microsoft Windows 10 Ho...

PROTECTION

NOTIFICATIONS

Next Generation Antivirus On

Show Advanced Options

Personal Firewall On

User Access Control On

Exploit Protection On

Trusted Application Verification On

Credential Guard On

Dashboard

My Devices

Subscriptions

Support

Notifications

Filter

Add New Devices

0 of 50 Licenses in Use

Buy More Licenses

You don't have any devices

Notifications

**Device removed**  
A device DESKTOP-RR7OJRS was removed from [redacted] 21 hours ago

**New Device Added**  
A new device DESKTOP-RR7OJRS is protected by [redacted] 21 hours ago

We only keep the notifications from the last 7 days.

# Cloud Files/tables Data processing System(Can't disclose name due to NDA)

15 June 2019 - Present

## Description:

This portal allows you to query or process cloud tables/files of big size. I'm leading backend team which is developing API for this system. It uses PrestoDB(Distributed query engine) to connect with cloud storage/databases and perform actions on those cloud files/tables. The system uses celery for executing long running jobs. Our API communicates with PrestoDB which is connected with Alluxio( a cache layer of datasets) and this alluxio is connected to multiple data sources(e.g. Google cloud storage, amazon bucket, cloud postgresSQL etc). Hive is being used for storing meta information of files/tables.

## Technologies Used:

Python, Django, Django-Restf PostgreSQL, Celery, Redis, Docker, PrestoDB, Alluxio, Hive, kubernetes

[ Base URL: localhost:8080 ]

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Schemes  [Authorize](#)

---

cut-rows	>
data-view	>
dataset_exists_v2	>
drop	>
filter	>
group-by	>
job-status	>
pivot	>

---

Powered by [Django-REST-Swagger](#)

## cut-rows



**POST** /cut-rows/ - Use this API to apply Cut Row on data sets

- Use this API to apply Cut Row on data sets
- Sample Input for Cut Row Field:
  - `[{"column_name":"movieid","filter_func":"IS NULL","filter_value":"","operator":""}, {"column_name":"movieid","filter_func":">","filter_value":"","operator":"and"}]`
- Available operator (and, or)
- Available filter\_func ([">", "<", "=", ">=", "<=", "IS NULL", "IS NOT NULL"])
- For datetime column provide col\_type: datetime in filter dict and filter value supported formats  
"YYYY", "YYYYMM", "YYYY/MM/dd", "YYYY/MM/dd hh", "YYYY/MM/dd hh:mm", "YYYY/MM/dd hh:mm:ss"  
e.g.  
`{ "column_name": "column_name", "filter_func": "=", "filter_value": "1970/01/17", "operator": "and", "col_type": "datetime" }`

**Parameters** Try it out

Name	Description
is_preview boolean (formData)	Is this a preview call?
dataset_name * required string (formData)	Name of the dataset
new_dataset_name string (formData)	Name of the new dataset
save_as string (formData)	options: [new, override]
filters * required array[string]	filters to apply

## cut-rows



## data-view



**GET** /data-view/{dataset\_name}/

**Parameters** Try it out

Name	Description
dataset_name * required string (path)	

**Responses** Response content type: application/json

Code	Description
200	

## dataset\_exists\_v2



## drop



## filter



# Florida Defense Exchange Portal

01 Aug 2017 - 10 December 2017

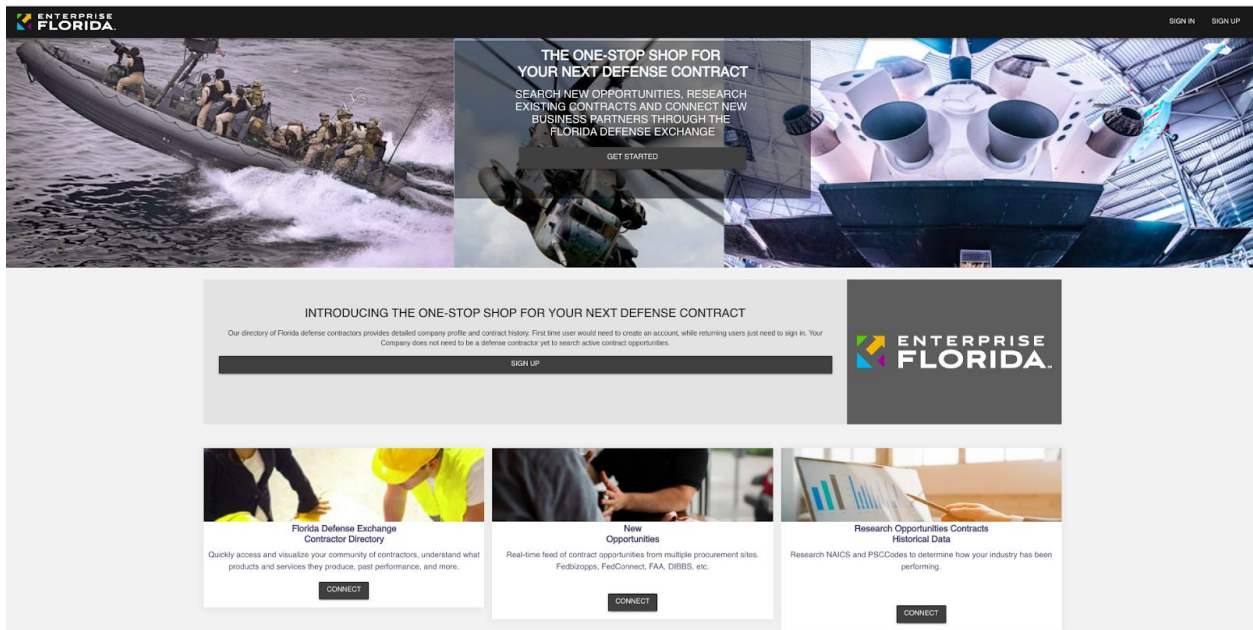
Website: <http://fdx-staging.herokuapp.com/>

## Description:

It's a portal for your next defense contract which mean you can search new opportunities, research existing contracts and connect new business partners through this portal. I worked as a solo backend developer in this project. I developed APIs for this project in django with postgres. Along with APIs development, I also wrote multiple scraping scripts for this project which scrape data from multiple data sources on a daily basis and ETL pipeline which moves the database's specific tables data to swifttype container for fast searching. This data also gets served with APIs endpoints.

## Technologies Used:

Python, Django, PostgreSQL, Swifttype heroku, Heroku





TSV DEV 2  
FOX Developer 2 | The Simple YUE LLC

Contract Award History

Contract Award Amount by Year

2015 2016 2017 2018 2019

Contract Award Volume by Year

2015 2016 2017 2018 2019

EVENTS

TRACKED OPPORTUNITIES

FAVORITES



Share a new post in this group

Image Video

POST



EFI User

Executive | ENTERPRISE-FLORIDA

Thinking about starting your own business? As any seasoned entrepreneur will tell you, starting a new business is not always easy. From testing the market to accessing capital, there are many roadblocks you may encounter along the way. The Florida SBDC's Starting a Business Video Series is a collection of six short videos designed to provide you with a fundamental overview of what it takes to start a business. Watch these videos first before attending an in-person training and meeting with a consultant.



Comments (0) Likes (0)

Leave a comment

POST



EFI User

Executive | ENTERPRISE-FLORIDA

Interested in doing business with the government? The Florida SBDC Network's "Introduction to Government Contracting" provides a basic understanding of what government contracting entails and the six steps to follow to prepare for, research and bid on contracts at the federal, state, and local levels. Watch this video and get started winning government contracts.



Top Opportunities

- Janitorial services for Embass...  
Posted Date: 08/30/2019
- Replace UPS system for contr...  
Posted Date: 08/30/2019
- Repair Retaining Wall around ...  
Posted Date: 08/30/2019
- 99-LITV  
Posted Date: 08/30/2019
- 65-LIGHT,SPLIT,OPHTHALM  
Posted Date: 08/30/2019

Upcoming Events

- Ocala | How to STARTUP Your ...  
Event Date: 09/04/2019
- Government Contracting: Over...  
Event Date: 09/04/2019
- Getting Started in Government...  
Event Date: 09/04/2019
- Gainesville | How to STARTUP ...  
Event Date: 09/04/2019
- How to Start Your Business  
Event Date: 09/03/2019

inspireVM © 2019

Contractor Directory

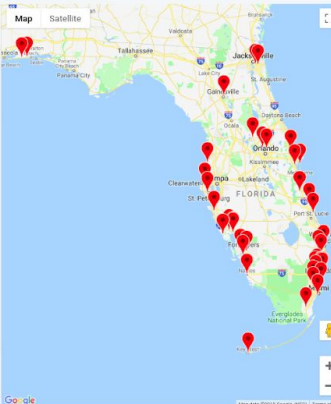
Leverage on the Federal Contractor Directory the most comprehensive database of contractors to find important contacts. Please submit your company and be added to the Exchange the most comprehensive database of federal contractors.

LOCATION NACS PSC CERTIFICATIONS Search CLEAR FILTER + Add Your Company

SAVE SEARCH VIEW SAVED SEARCHES

Export to Excel

Company	Address	Primary Industry
100 Vets, Inc.	1455 Navarre Pkwy Ste C, Navarre, FL 32566	Offices of Physicians (except Mental Health Specialists)
101 COMMERCE ST. LLC	2340 DREW ST STE 300, CLEARWATER, FL 33765	Lessors of Nonresidential Buildings (except Movablehouses)
10200 49TH STREET, LLC	2340 DREW ST STE 300, CLEARWATER, FL 33765	Lessors of Nonresidential Buildings (except Movablehouses)
11 1 AUTOMOTIVE INC	425 COLEMAN STREET, TITUSVILLE, FL 32796	Electroplating, Plating, Polishing, Anodizing, and Coloring
11401 WEST FLAGLER, LLC.	2340 DREW ST STE 300, CLEARWATER, FL 33765	Lessors of Nonresidential Buildings (except Movablehouses)
1213 WILLIAM STREET CORP	1434 KENNEDY DRIVE, KEY WEST, FL 33840	Lessors of Nonresidential Buildings (except Movablehouses)
121 Financial Credit Union	5700 Touchton Rd Jacksonville, FL 32246	
123GemFree, LLC	4637 Prime Ter, North Port, FL 34208	Recreational Goods Rental
125 MARKETING LLC	2319 70ND AVE E, SARASOTA, FL 34243	All Other Miscellaneous Textile Product Mills
128 PLACE INC	446 31ST ST N, SAINT PETERSBURG, FL 33713	
1305 North Orange Ave. Hestres LLC	2650 University Blvd S Ste 207, Jacksonville, FL 32214	Nonresidential Property Managers



1-50 items per page 1697 items

























### Events

Events are great for getting things done and staying in touch with just the people you want. Share photos and videos, have conversations, make plans and more.

+ Create An Event

Events			
 <b>Ocala   How to STARTUP Your Own Business</b> Date: 09/04/2019 9:00 AM - 12:00 PM Registration Deadline: N/A Fee: \$ 40.00 Center: SBDC at UNF - Ocala Point of Contact: admin-sbdc@atlantic.net	 RSVP	 FAVORITE	 SHARE
 <b>Government Contracting: Overview</b> Date: 09/04/2019 10:30 AM - 12:30 PM Registration Deadline: N/A Fee: No Cost Center: SBDC at the University of Central Florida Point of Contact: sbdc@bus.ucf.edu	 RSVP	 FAVORITE	 SHARE
 <b>Getting Started in Government Contracting - PTAC</b> Date: 09/05/2019 1:00 PM - 2:30 PM Registration Deadline: N/A Fee: \$ 20.00 Center: Florida SBDC at UNF Point of Contact: al.stephens@unf.edu	 RSVP	 FAVORITE	 SHARE
 <b>Gainesville   How to STARTUP Your Own Business</b> Date: 09/06/2019 9:30 AM - 12:30 PM Registration Deadline: N/A Fee: \$ 40.00 Center: SBDC at UNF - Gainesville Point of Contact: admin-sbdc@atlantic.net	 RSVP	 FAVORITE	 SHARE
 <b>How to Start Your Business</b> Date: 09/10/2019 9:30 AM - 11:00 AM Registration Deadline: N/A Fee: No Cost Center: Sumter County Point of Contact: Joanne.Howard@ucf.edu	 RSVP	 FAVORITE	 SHARE

# Georgia Defense Exchange Portal

01 Aug 2017 - 10 December 2017

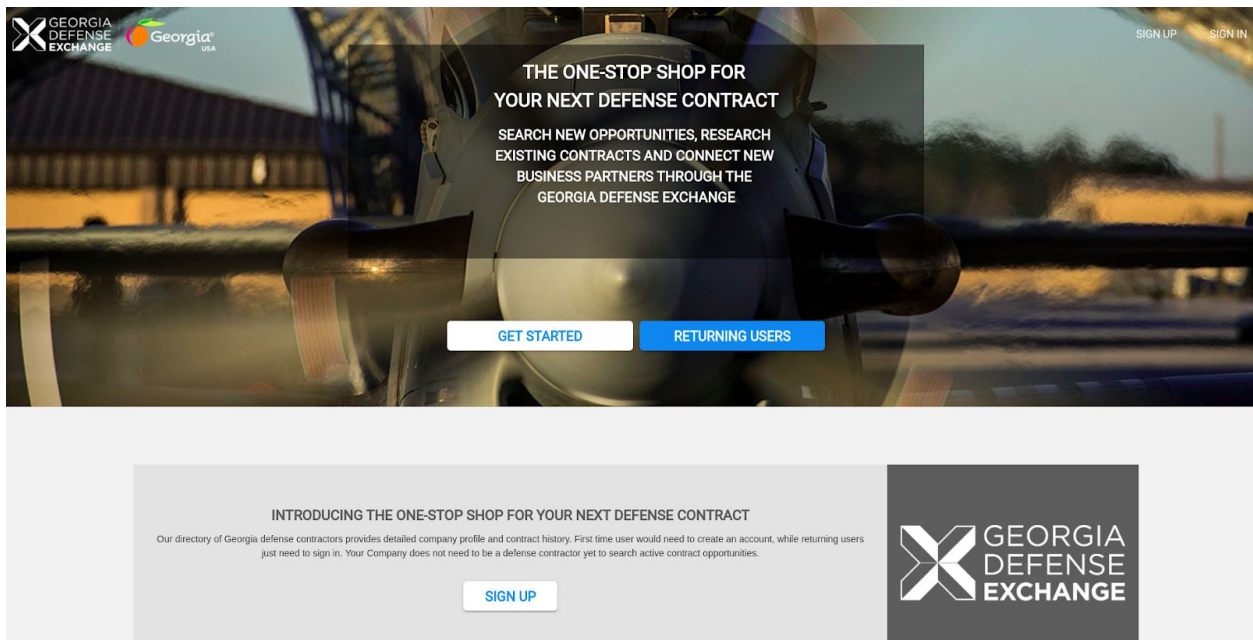
Website: <https://gdx.georgia.org/>

## Description:

Both Florida and Georgia Defense exchange portal are clones of each other but for different clients. I worked as a solo backend developer in this project. I developed APIs for this project in django with postgres. Along with APIs development, I also wrote multiple scraping scripts for this project which scrape data from multiple data sources on a daily basis and ETL pipeline which moves the database's specific tables data to swifttype container for fast searching. This data also gets served with APIs endpoints.

## Technologies Used:

Python, Django, PostgreSQL, Swifttype heroku, Heroku



The screenshot displays the homepage of the Georgia Defense Exchange Portal. At the top left, there are logos for 'GEORGIA DEFENSE EXCHANGE' and 'Georgia USA'. In the top right corner, there are links for 'SIGN UP' and 'SIGN IN'. The main header features a large, semi-transparent dark box with the text: 'THE ONE-STOP SHOP FOR YOUR NEXT DEFENSE CONTRACT' followed by 'SEARCH NEW OPPORTUNITIES, RESEARCH EXISTING CONTRACTS AND CONNECT NEW BUSINESS PARTNERS THROUGH THE GEORGIA DEFENSE EXCHANGE'. Below this text are two buttons: 'GET STARTED' and 'RETURNING USERS'. The background of the header is a blurred image of an aircraft. Below the header, there is a section titled 'INTRODUCING THE ONE-STOP SHOP FOR YOUR NEXT DEFENSE CONTRACT' with a subtext: 'Our directory of Georgia defense contractors provides detailed company profile and contract history. First time user would need to create an account, while returning users just need to sign in. Your Company does not need to be a defense contractor yet to search active contract opportunities.' A 'SIGN UP' button is positioned below this text. On the right side of this section, there is a large 'GEORGIA DEFENSE EXCHANGE' logo.



  
**Georgia Tech Procurement Assistance Center**  
 2,192 Members  
[Learn More](#)

- Home
- Resources
- Members
- Events




**Khai Edouard**  
Web Developer | Airbus

**About GTPAC Community**  
To further our mission of helping Georgia businesses identify, compete and win InVision contracts, we've created the GTPAC Community to allow our clients to communicate


**Featured Content**



DHS cyber info sharing tool to get a reboot this year  
February 2, 2018



Workshop Recap: Government Contracting 101  
January 25, 2018

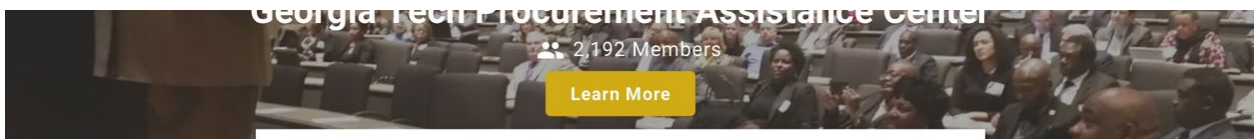


Video: How to make a Capabilities Statement  
January 25, 2018

**How YOU can collaborate with GTPAC Community Members**

- Collaborate with other members
- Find members using the Members Directory
- Discover Groups

Upcoming Events




- Home
- Resources
- Members
- Events


## Events

Events are great for getting things done and staying in touch with just the people you want. Share photos and videos, have conversations, make plans and more.

[+ Create an Event](#)

- Events
Calendar
- 

**NDIA Monthly Breakfast - December**  
 Wednesday, December 10th, 2017 at 9:00AM  
 50 Members are attending

RSVP
Favorite
Share
- 

**NDIA New Years Celebration**  
 Sunday, December 31st, 2017 at 8:00PM


RSVP
Favorite
Share

*in* Made in InVision

GEORGIA DEFENSE EXCHANGE Georgia USA Type to search Home Directory Opportunities History

gtpac Georgia Tech President

### DHS cyber info sharing tool to get a reboot this year



**Date Posted:** February 2, 2018  
**Filed Under:** Contracting News  
**Tagged With:** cyber, cybersecurity, DHS

Upcoming Events  
**Event Post #1**  
 Posted Date: 08/11/2017  
**Event Post #2**  
 Posted Date: 08/11/2017

Home Resources Members Events

**AIRBUS**  
 123 Main Street, Suite 2301, Atlanta, GA 30303  
 Phone: (404) 029-9492  
 Public Email: contact@airbus.com  
 SBA Certifications: Small Business, Woman-Owned Business  
 Primary NAICS: Office Equipment Merchant Wholesalers

**General Information** Contract Performance More Information

**Description**  
 Apparently we had reached a great height in the atmosphere, for the sky was a dead black, and the stars had ceased to twinkle. Apparently we had reached a great height in the atmosphere, for the sky was a dead black, and the stars had ceased to twinkle. Apparently we had reached a great height in the atmosphere, for the sky was a dead black, and the stars had ...

**Contract Award Amount by Year**

Year	Amount
2014	\$140M
2015	\$160M
2016	\$150M
2017	\$140M
2018	\$100M

**Contract Award Volume by Year**

Year	Volume
2014	140
2015	160
2016	150
2017	140
2018	100

Agency	Award Type	NAICS
Department of the Navy	Solicitation	Household/Commercial Furnish
Department of the Army	Sources Sought	ADP Equipment Software, Suppl
Department of the Airforce	Combined Synopsis/Solicitation	Household/Commercial Furnish

# 100 Black Men

April 2017 - Aug 2017

Website: <https://michael.theplainvue.com/>

## Description:

This web portal was built to facilitate collaboration, foster partnership between parents, mentors and mentees towards a successful experience. We were two developers who developed API of this project.

## Technologies Used:

Python, Django/DajngoRest, PostgreSQL, Firebase

100 Black Men SIGNUP SIGNIN

### WELCOME TO THE MENTOR100 WEB MENTORING PORTAL

**MOT Creed:** We the MEN of the North Metro MOT program believe in a value-based system that will shape our thoughts, actions and contributions to society. These values are Honesty, Integrity, Respect, Responsibility and Accountability. This is our quest, this is our creed, these are our values.

GET STARTED RETURNING USERS

THE MENTOR100 WEB PORTAL WAS BUILT TO FACILITATE COLLABORATION, FOSTER PARTNERSHIP BETWEEN PARENTS, MENTOR AND MENTEES TOWARDS A SUCCESSFUL EXPERIENCE. PLEASE USE THE PORTAL AS A COMMUNICATION AND ACCESS MEDIUM TO ALL OUR MENTORS. MENTEES SHOULD FEEL FREE TO LET THE COMMUNITY KNOW ABOUT THEIR ACCOMPLISHMENTS AND PROGRESSION. PARENTS, MENTORS AND MENTEES, PLEASE KEEP YOUR INFORMATION UP TO DATE. OUR DIRECTORY PROVIDE GOOD CONTACT INFORMATION FOR ALL. FEEL FREE TO PROVIDE US FEEDBACK INSIDE HOW IT CAN BENEFIT YOU AND YOUR SON.

PARENTS OR GUARDIANS WHO WISH TO SUBMIT AN APPLICATION CAN DO SO BY CLICKING BELOW OR ON PARENT SIGN UP ABOVE. YOU CAN ALSO DOWNLOAD THE APPLICATION AND FILL IT OUT MANUALLY. NOTE THAT AT SOME POINT ONLINE REGISTRATION WILL BE REQUIRED. A REPRESENTATIVE FROM OUR ORGANIZATION WILL REACH OUT TO YOU UPON REVIEW OF THE APPLICATION. WELCOME TO OUR FAMILY.

#### DOWNLOAD OUR APPLICATION

Download our application to register your son for mentoring. Please Read thoroughly and fill out all questions in the application. Scan and email the application back to mentoring team.

DOWNLOAD APPLICATION

#### COMPLETE APPLICATION ONLINE

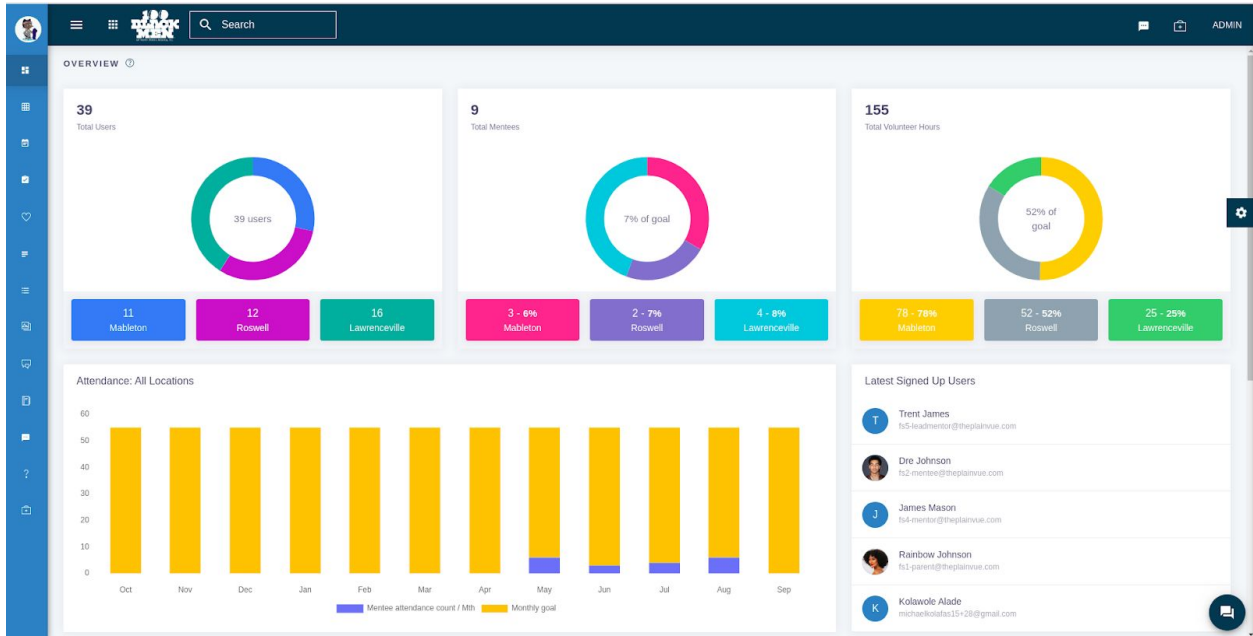
Complete our application online. Before starting the application we will ask you to download our MOT Policies and Procedures and MOT Waiver of Liability to familiarize you with program expectations.

GET STARTED

#### CONTACT THE MENTORING TEAM

Click on the link below to send us a short message. We will reply to your query as soon as possible.

CONTACT US



Directory

Client / Directory

Search: e.g Elizabeth

Filter By Location: All

Filter By Account Type: All


Events

Client / Events

07  
SEP

Saturday, Sep 7, 2019 07:45 PM

**Mentoring Saturdays**

Posted by Harold E.  
Client Admin - Mableton

21  
SEP

Saturday, Sep 21, 2019 08:00 PM

**Mentoring Saturdays**

Posted by Harold E.  
Client Admin - Mableton

05  
OCT

Saturday, Oct 5, 2019 08:00 PM

**Mentoring Saturdays**

Posted by Harold E.  
Client Admin - Mableton

19  
OCT

Saturday, Oct 19, 2019 08:00 PM

**Mentoring Saturdays**

Posted by Harold E.  
Client Admin - Mableton

19  
OCT

Saturday, Oct 19, 2019 08:00 PM

**Mentoring Saturdays**

Posted by Harold E.  
Client Admin - Mableton

02  
NOV

Saturday, Nov 2, 2019 08:00 PM

**Mentoring Saturdays**

Posted by Harold E.  
Client Admin - Mableton

16  
NOV

Saturday, Nov 16, 2019 09:00 PM

**Mentoring Saturdays**

Posted by Harold E.  
Client Admin - Mableton

07  
DEC

Saturday, Dec 7, 2019 09:00 PM

**Mentoring Saturdays - Last 2019 Session**

Posted by Harold E.  
Client Admin - Mableton

11  
APR

Saturday, Apr 11, 2020 08:00 PM

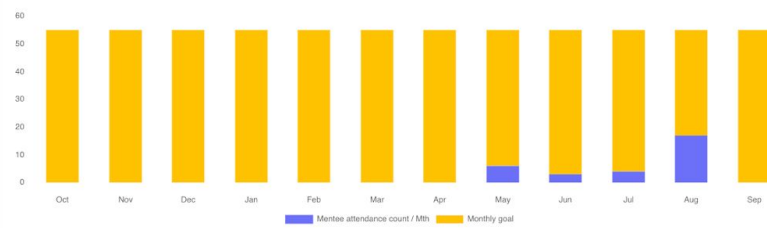
**Youth Achievement Luncheon**

Posted by Jerry H.  
Mentor - Lawrenceville

ATTENDANCE OVERVIEW

Filter By Location  
All

Attendance: All Locations



Attendance History

- Monday, August 26, 2019 2:30 PM
- Monday, August 26, 2019 2:19 PM
- Monday, August 26, 2019 2:08 PM
- Friday, August 23, 2019 1:50 AM
- Saturday, August 10, 2019 4:54 PM
- Thursday, August 8, 2019 4:28 AM



Search



ADMIN

## Volunteer

Details



**Kolawole Alade, Client Admin**  
Roswell

d7x2h5k9f5l4e44@thesimplevue.slack.com

### Volunteer Reporting

Mentoring Saturdays - 4 hours - 08/26/2019	▼
Mentoring Saturdays - 4 hours - 08/26/2019	▼
Mentoring Saturdays - 4 hours - 05/29/2019	▼
Mentoring Saturdays - 4 hours - Invalid date	▼

ADD NEW





# TSV Analytics Platform

Nov 2016 - June 2017

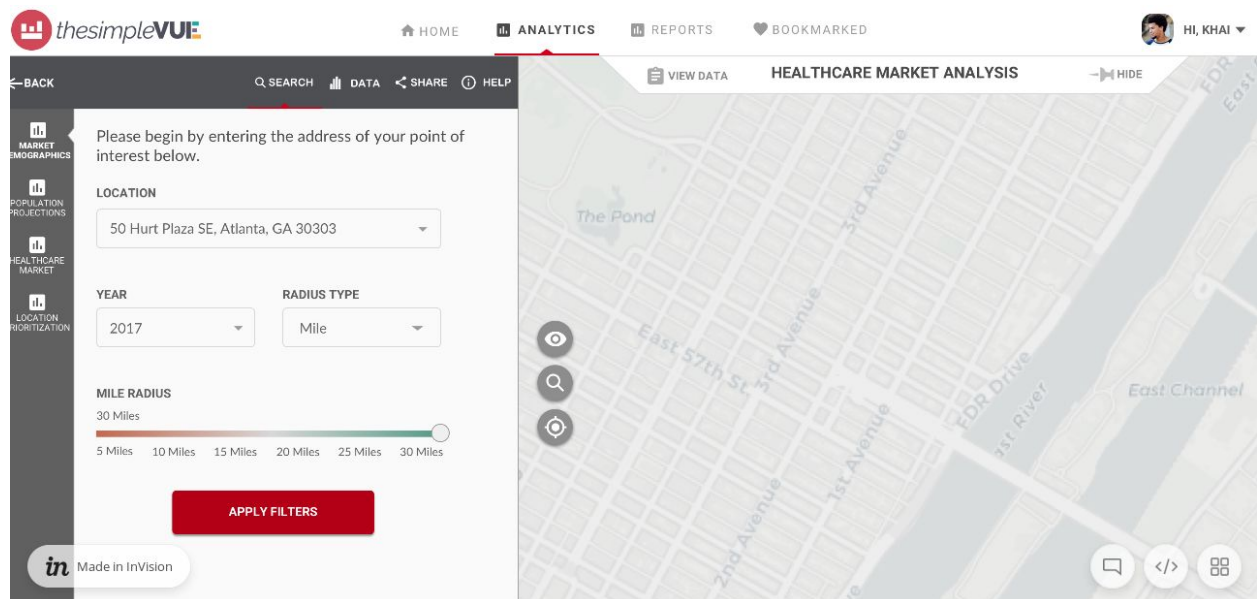
Website: <http://analytics.bestigegroup.com>

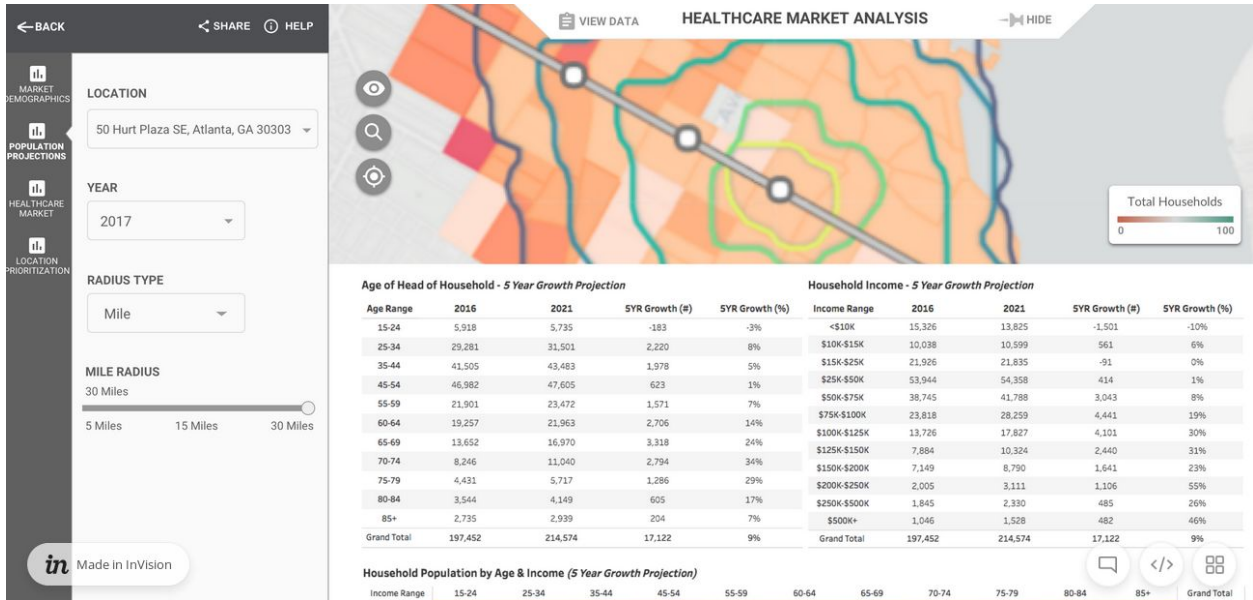
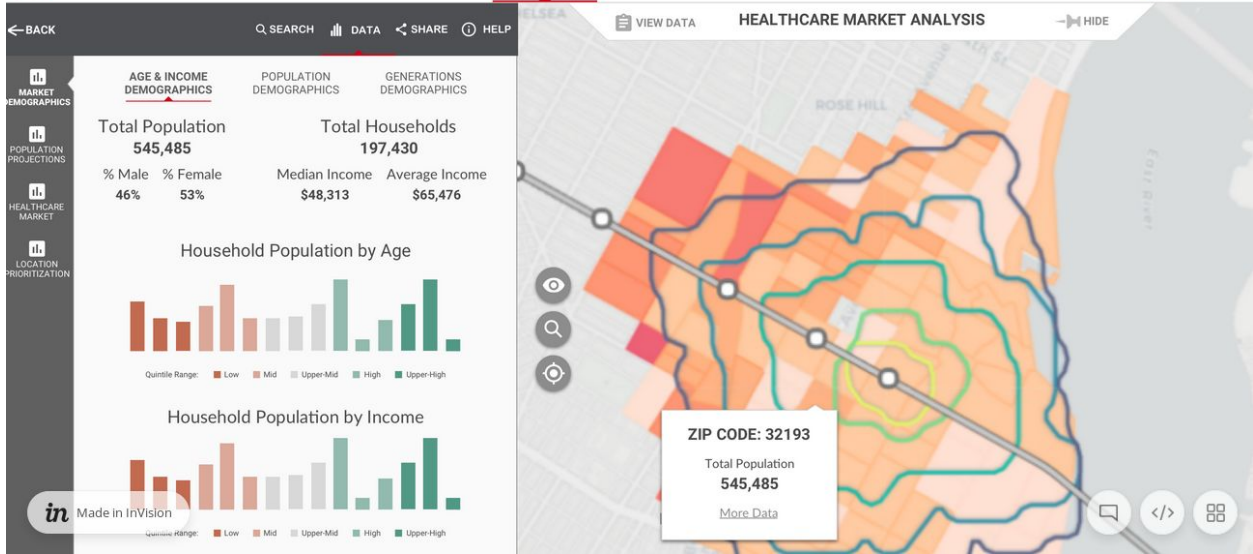
## Description:

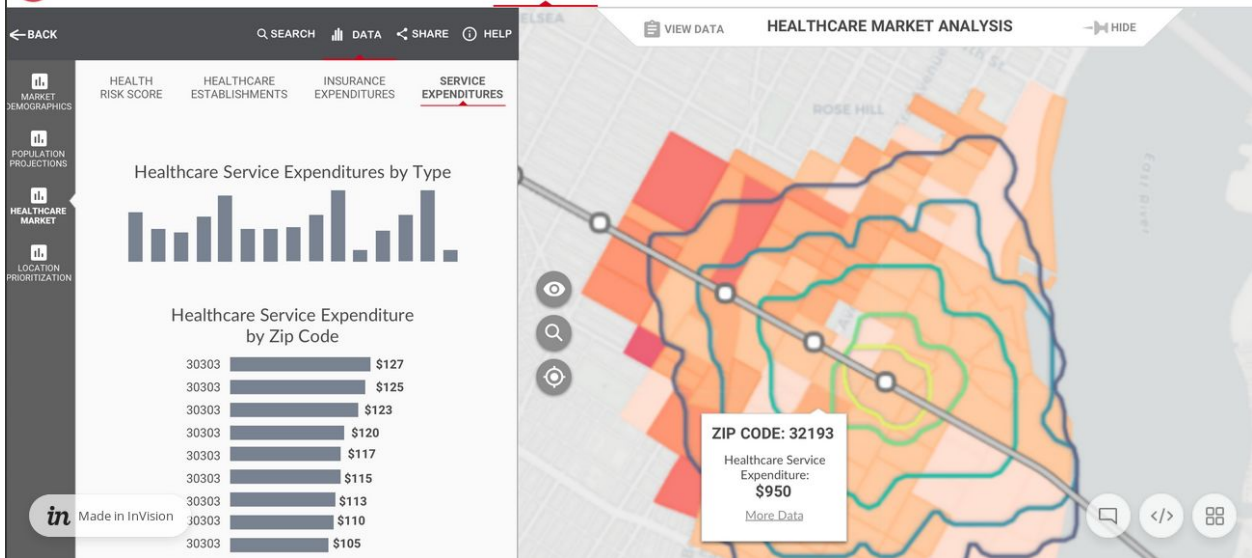
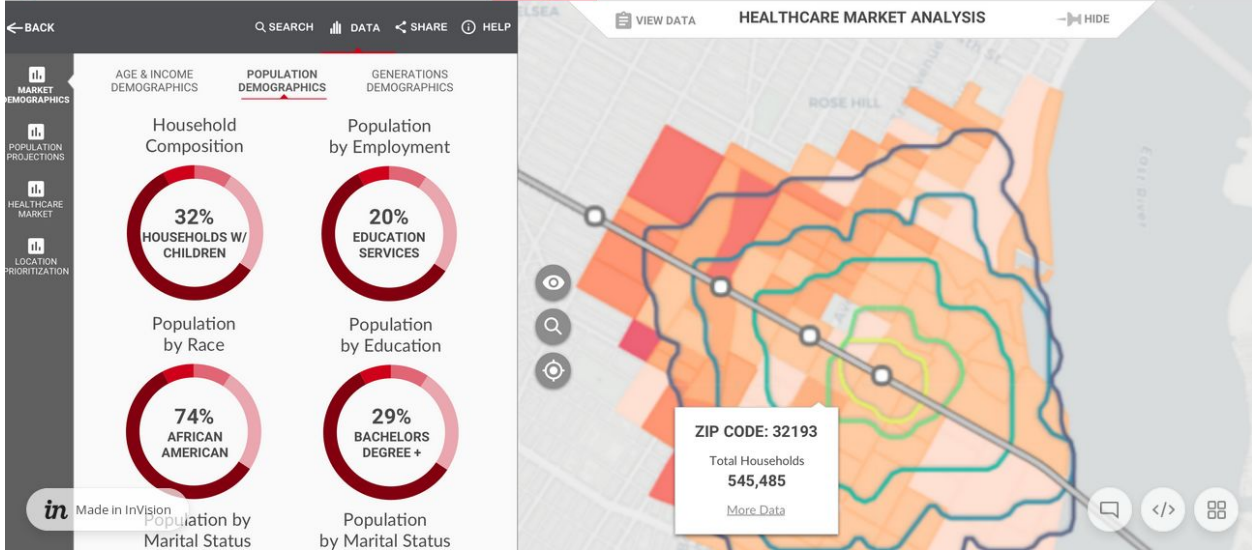
Location intelligence platform used to optimize customer acquisition by targeting specific populations for your products and services. I worked as solo backend developer on this project. I developed apis and scripts for data extraction and data pipelines for this project.

## Technologies Used:

Python, Django/DjangoRest, PostgreSQL, Swifttype heroku, Heroku







## Web Scraping/Automation bots

01 October 2015 - Present

**Youtube** : <https://www.youtube.com/playlist?list=PLh2kzLvQxb76sv7s6aUB6378zy4Tkpvz0>

(this playlist contains some videos of bots which I developed)

### **Description:**

I developed a lot of web automation/scraping related bots for different clients using python. I'm developing these kind of bots from day one to till now.

### **Technologies Used:**

Python, Selenium, requests, beautifulsoup, databases(postgres, mysql, mongodb, csv files etc)

## ETL pipelines

01 August 2017 - Present

### **Description:**

I also developed multiple ETL pipelines for shifting data from one source to another and also processing it before ingesting it into another data source. I'm developing these kind of ETL pipeline from day one to till now.

### **Technologies Used:**

Python, pandas, databases(postgres, mysql, mongodb, csv files etc), kafka etc