Mohit Sahasrabudhe

Decision Scientist

A determined, ambitious and optimistic individual, capable of working in challenging situations to achieve team goals. Want to implement the 'First Principle way of Thinking' in all endeavors, personal and professional. Want to master all realms of Business, Math and Technology.

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WORK EXPERIENCE

Trainee Decision Scientist
Mu Sigma Business Solutions Pvt. Ltd.

09/2016 – Present   *Bangalore, India*

Tasks/Achievements

- Worked on building intelligence in the Sales Pipeline for a multinational technology company
- Maintained and enhanced a Account Health KPI monitoring dashboard for a multinational technology company
- Mentored a group of trainees to build a mobile wallet recommender
- Completed course on Mu Sigma's 'Art of Problem Solving' in a week long training excercise
- Gathered data from Mu Sigma accounts to identify user needs and designed a product positioning statement to maximize the fitment of the product
- Designed and implemented a framework to perform Time Series Analysis using Decomposition, ETS and ARIMA(X)
- Technical and statistical research, design and full-stack coding of an Analytical Workbench, muRx, capable of Supervised and Unsupervised learning ⬈
- Identified major drivers for decline in sales and predicted churners for a multinational computer technology company
- Built a recommendation engine to suggest an ideal getaway around Bangalore

Software Developer(Intern)
Orange Semiconductors Pvt. Ltd

12/2015 – 02/2016

Orange Semiconductors offers solutions in niche area of VLSI, Embedded and Information Technology

Tasks/Achievements

- Implemented and optimized an algorithm for multiplication of 2 floating point numbers on a FPGA

EDUCATION

Bachelor Of Engineering(E&TC)
Sinhgad College of Engineering, Pune University
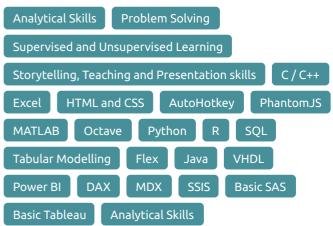
07/2012 – 05/2016   *63.08%*

Learnings / Responsibilities

- Editor in the college newspaper, "Quantum"
- Organizing Committee Member in the annual technical fest, Techtonic
- Committee Member in the International Conference On Pervasive Computing

Higher Secondary Education
SM Choksey Junior College, Pune, Maharashtra

07/2010 – 02/2012   *83.5%*

SKILLS & COMPETENCES

Analytical Skills · Problem Solving · Supervised and Unsupervised Learning · Storytelling, Teaching and Presentation skills · C / C++ · Excel · HTML and CSS · AutoHotkey · PhantomJS · MATLAB · Octave · Python · R · SQL · Tabular Modelling · Flex · Java · VHDL · Power BI · DAX · MDX · SSIS · Basic SAS · Basic Tableau · Analytical Skills

ACHIEVEMENTS

Spot Award (03/2017 – Present)
For innovation, interest and dedication in the team

Final Year project topper
Secured highest marks 149/150 in the final year project

C coding competition
#2 in the interdepartmental IEEE C coding competition

PROJECTS

X12ARIMA_Decomposition (03/2017 – Present)
- Algorithm to perform X-12 ARIMA Decomposition in R to replace contemporary wrapper on binary
- https://github.com/mohitsahasrabudhe/X12ARIMA_Decomposition

Variable Frequency and Duty Cycle Generator (BE project) (07/2015 – 05/2016)
- Implementation of a better algorithm than contemporary logic for clock multiplication using Xilinx IDE
- Research on the properties of 'sinc function' to find possible solutions using convolution

COURSES

21 hours of Data Science A-Z™: Real-Life Data Science Exercises Included
http://ude.my/UC-AOWK70OS

3 Hours of Introduction to Analytics and the Language of SAS
http://ude.my/UC-MPJQ11RG

Machine Learning - Andrew NG
https://www.coursera.org/account/accomplishments/verify/V64WFYBFGVQG

INTERESTS

Computer Gaming · Logical Problem & Riddle solving