Aditya Arora

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SUMMARY OF QUALIFICATIONS

- Quick learner, effectively learnt new framework in javascript to implement analytics dashboards
- Experienced with object oriented programming through C++
- Strong time management; balanced school work and volunteering while maintaining top 10 rank throughout high school
- Strong interpersonal and communication skills developed through leadership roles in high school
- Experience generating ideas and implementing strategies to reach goals as demonstrated by multiple side projects and hackathons

RELEVANT EXPERIENCE

Waterloop — *Software Developer*

September 2017 - Present

- Collaborating as member of the team building the hyperloop pod as part of Elon Musk's SpaceX competition
- Member of the software sub–team that will design and implement the real time dashboard of the status of all the systems on the pod

Fino Bank Ltd, Navi Mumbai — *Software Engineering Intern*

July 2017 - August 2017

- Improved efficiency of backend script by 300 times by using hash tables and used this to implement an interactive dashboard to visualise revenue of top merchants and their sales breakdown
- Conceptualised, designed and implemented a dashboard to track the performance of new merchants month on month to predict merchants who had a better chance to increase the revenue
- Used d3.js for the dashboards and Python for the backend

PROJECTS

SpeedReader — *Optimises reading*
- This project helps one read faster, up to 500 words per minute
- Although still a work in progress, it is developed in d3js and HTML

Monopoly — *Digitised board game*
- Collaborated with a team of 4 people to implement the board game of Monopoly
- Developed as part of school project in TurboC++ using just ASCII symbols

VOLUNTEER EXPERIENCE

Rotary Club, Mumbai — *Volunteer Mathematics and English teacher*

April 2015 - February 2017

- Taught underprivileged kids over the weekends in Balwari and helped them with their homework in English and Mathematics
- Provided an introduction to computers which opened the door for various online educational courses

PROGRAMMING LANGUAGES

Python, C++, SQL, JavaScript, HTML, CSS

HACKATHON

Hack The North 2017

Built UBER for empty beer bottles to promote recycling
Project built: bit.ly/BeerKart

EthWaterloo 2017

StackOverflow but with a cryptocurrency bounty
Project built: bit.ly/whiZZit

ONLINE COURSES

Machine Learning

Neural Networks and Deep Learning by Andrew Ng

Python

MIT 6.00.1x: Introduction to Python by Eric Grimson

AWARDS

Honor's List

For exceptional performance in Euclid Mathematics Contest organised by the Center for Education in Mathematics & Computing, University of Waterloo, 2017

President's Scholarship of Distinction

Awarded scholarship of $2000, along with $1500 for Research and $1500 for international student experience for use in later terms, 2017

IIT – Joint Entrance Exam

Among top 5000 students from over 1.2 million students in a Science and Mathematics test organised by Indian Institute of Technology, 2017