

# 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 interpersonal and communication skills developed through leadership roles in high school
- Strong time management; balanced school work and volunteering while maintaining top 10 rank throughout high school
- Experience generating ideas and implementing strategies to reach goals as demonstrated by multiple side projects and hackathons

## RELEVANT EXPERIENCE

### Waterloop, Waterloo — Web Co-Lead

September 2017 - Present

- Minimized code duplication on the new website using a template engine that allowed for 30% page load boost while making it easier to maintain
- Improved page load time by 20% by creating vector images instead of using heavier and less efficient frameworks
- Implemented an efficient static string method to improve memory management as part of stint in the embedded systems team

### 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 d3.js 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

## LANGUAGES AND TOOLS

- Python • numpy • C++ • SQL
- MySQL • JavaScript • HTML
- CSS • Git • d3.js • Bootstrap
- jQuery • Bash scripting

## HACKATHON

### Hack The North 2017

Built UBER for empty beer bottles to promote recycling

Project built: [bit.ly/BeerKart](https://bit.ly/BeerKart)

### EthWaterloo 2017

StackOverflow but with a cryptocurrency bounty

Project built: [bit.ly/whiZZit](https://bit.ly/whiZZit)

## ONLINE COURSES

### Machine Learning

Neural Networks and Deep Learning by Andrew Ng

## AWARDS

### Honor's List

For rank 231 among 18000 students 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