Vayum Arora

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EDUCATION

CARNEGIE MELLON UNIVERSITY
BS in Electrical and Computer Engineering (ECE)
Minor in Business
GPA: 3.2
Expected May 2019 | Pittsburgh, PA

COURSES

- Introduction to Computer Systems
- Introduction to Machine Learning
- Fundamentals of Signal Processing
- Electronic Devices/ Analog Circuits
- Structure and Design of Digital Systems
- Principles of Imperative Computation
- Electrical/Computer Engineering
- Fundamentals of Computer Science
- Concepts of Mathematics
- Signals and Systems
- Probability Theory
- Engineering and Public Policy

LANGUAGES

- Python • C • C++
- SQL/JQL • Django
- Java • JavaScript
- HTML/CSS • Spring
- Hibernate • Assembly

SKILLS

- Object Oriented Programming
- Web Development
- Data Integration
- Xpresso App Development
- Data Mining
- Databases
- Data Visualization/Reporting

AWARDS

- Dean's List Spring 2016
- All American Division 3 Tennis Athlete
- National Merit Finalist

EXPERIENCE

WORKDAY | Software Engineering Intern
June 2017 – Sep 2017 | Pleasanton, CA

- Created a performance analytics dashboard for 20-30 Software Engineering teams that classified data from over 1000 JIRA projects
- Developed a Java web-application using Spring/Hibernate that contributed to reducing JIRA resolution time by over 25% in 3 months
- Displayed metrics through D3 Highcharts.js that resulted in 10+ KPI's(number of blockers, average resolution time...) to improve productivity

WORKDAY | Associate Application Developer Intern
May 2016 – Aug 2016 | San Francisco, CA

- Developed a data quality audit (DQA) that became the first and only line of defense against any critical customer inventory discrepancies
- Generated a reusable report that tracked discrepancies across millions of items for 10-12 key clients
- Used Workday's Internal Development Platform (Xpresso) and Object Oriented Programming to manage critical client data

PROJECTS

YOUBETCHA | Django
Jan 2016 – May 2016 | Pittsburgh, PA

- Created a web-app that allows users to bet on up to 200 live sporting events a week across 6 different sports
- Used Python to web-scrape up to date information about live sporting events and real-time betting odds
- Utilized Django and MySQL for features including User Registration, Game and Betting Management, and Revenue Management

FOXTROT |C
June 2017 | Pleasanton CA

- Created an automated Slackbot that feeds users pre-made maps of conference rooms to aid in indoor building navigation
- Designed an optimal pathing algorithm to navigate between 90+ destinations

ORGANIZATIONS

CMU VARSITY MEN'S TENNIS TEAM
September 2015 – Present | Pittsburgh, PA

- All-American Athlete
- 6th ranked tennis program in the nation
- Individually ranked top 10 in the nation for doubles

INTERFRATERNITY COUNCIL PRESIDENT
December 2017 – Present | Pittsburgh, PA

- Responsible for representing community of over 1,000 Greek men through multiple crises
- Managed a 7-man executive board to facilitate programming related to recruitment, risk management, and campus events