Apollo Jain

EDUCATION

University of California, Berkeley | May 2018 **GPA: 3.5**

Bachelor of Science in Electrical Engineering and Computer Science

Coursework: Structure and Implementation of Computer Programs, Data Structures, Signals and Systems, Discrete Math and Probability, Optimization Models, Algorithms, User Interfaces, Power Systems, Artificial Intelligence, Concepts of Probability

SKILLS

Programming: Java, Python, Javascript, Ruby, jQuery, HTML, CSS, MIPS

Software: IntelliJ, Eclipse, Android Studio, Vim, Git

Frameworks: Django, Ruby on Rails, Flask

EXPERIENCE

Salesforce | *Software Engineering Intern* May 2016 – August 2016

Worked on the Community Builder feature for Salesforce. Added new warning handling features on both the front end and back end. Did Quality Assurance and Bug Fixes for the various features on the app.

ASUC | *Chief Technology Officer* August 2016 - Present

Handle a number of technology resources for over 25,000 Berkeley undergraduates, including the school's flagship mobile and web applications. Manage our experimental projects, which includes Project Hermione, an OpenCV video recording software. Helped to raise over $15,000 for our office through companies like Lyft and DoorDash.

Tesla | *Engineering Intern* January 2016 – May 2016

Worked on the Demonstrated Reliability Team. Focused on testing and verifying different properties of various parts on the Model III Powerboard. Created a web application to keep track of and perform calculations on databases of parts used on our cars. Worked on a Geometric Optimization pet project that focused on maximizing reliability given budgetary constraints.

PROJECTS | GITHUB.COM/APOLLOJAIN

Gobee Group SMS System (2016): Created an SMS polling system using Nexmo, Flask, and PostgreSQL that allows for users to vote for various choices given a number of questions. The system was deployed in Izmir, Turkey in August and is being used by the Women and Health Alliance International in conjunction with Gobee Group.

OpenCV Sudoku (2016): Created a Python Application using OpenCV2 and PyTesseract that will solve a Sudoku Puzzle if it is given a relatively clear image of an unsolved Sudoku puzzle.

Project Scanner Darkly (2016): Through the ASUC Office of the CTO, I am currently working on a project that will monitor the number of people inside of a building at any given point in time using Infrared Sensors attached to Raspberry Pis. My responsibility is to create the REST API, which I built on top of the REST Framework in Django. I also provided a Data Visualization Dashboard using d3.js.

OTHER

Outside Involvement

Outside of work, I am Co-Founder and Vice President of Robotics at Berkeley, which puts on Hackathons and speaker panels and am a part of the Fung Fellows for Technology and Innovations and Engineering Scholars cohorts. I am involved with my school's student government, through which I am a Board Member of the school's Student Technology Committee and the co-founder of the school's Student Information System Committee, which advises the school's enrollment and course management software system. I also play for the Berkeley Rugby Football Club and enjoy singing, hiking, and playing sports.