Apollo Jain

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EDUCATION

University of California, Berkeley   Berkeley, CA

Bachelor of Science in Electrical Engineering and Computer Science

GPA: 3.43   2013-2017

Completed Coursework – Structure and Implementation of Computer Programs, Data Structures, Signals and Systems, Discrete Math and Probability, Optimization Models

In Progress – Algorithms, User Interfaces, Power Systems

EXPERIENCE

Terraverde Renewable Partners LLC   Larkspur, CA

Engineering Intern   June 2015 – August 2015

On the job, I developed in-house software solutions to assist with solar asset management, billing, and general solar monitoring using a combination of the Flask Web Framework, a variety of Python Packages, and SQL. I also assisted with automating process involved with auditing and creating financial reports. Lastly, I learned the processes involved with solar installation and upkeep.

LEDA Energy   Novato, CA

Software Developer   June 2014 – August 2014

On the job, I gained valuable experience in Ruby on Rails, PostgreSQL and the Spree E-Commerce Platform, all of which we used to create the business' E-Commerce site. I also learned how to utilize Python scripts in order to read, copy and modify Excel sheets, file paths, and image paths.

University of Richmond   Richmond, VA

Math Researcher   June 2013 – August 2013

On the job, I used the Groups, Algebra, Programming (GAP) Language in order to create software to facilitate the discovery of McFarland Constructions of Difference Sets for the National Security Agency. I also learned information about Reed-Muller Codes and their significance in Computer Software and other processes. I have continued my involvement with the project by assisting with programming; as a result, I have received acknowledgement on a paper published in the Society for Industrial and Applied Mathematics May 2014 journal.

OTHER

Skills

Proficient in HTML, JavaScript, JQuery, Python, Java, Android, Excel, Git, Arduino, and Matlab

Has experience with PHP, MeteorJS, AngularJS, SQL, C, Ruby on Rails, and MIPS

Projects

My two main projects have been Starting Strength, a weight lifting and diet advice Android application with over 5000 downloads, and Bear Transit, an Android Application that allows you to view the bus schedule for each stop and tracks the location of the bus shuttle in real time. Check out some of my other projects at apollojain.me/projects and github.com/apollojain

Outside Involvement

Outside of school and the workplace, I am a Project Manager in Berkeley's ASUC Student Senate Office of the CTO, the Head of IR in Hackers at Berkeley, and a Co-Founder of both Robotics@Berkeley, which now has over 300 members, and the Eluci Foundation, a T-Shirt company that has raised over $1500 for charity thus far.