Apollo Jain

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Education

2013-2017 B.S. Electrical Engineering and Computer Science - University of California, Berkeley

GPA - 3.43
Coursework - Structure and Implementation of Computer Programs, Data Structures, Great Ideas in Computer Architecture, Signals and Systems, Discrete Mathematics and Probability, Circuits, Optimization Models in Engineering

Employment History

Feb 2015 -
June 2015 University of California, Berkeley (Berkeley, CA)
Senior Developer / Technical Team Lead

I learned the basics of Linear, Quadratic, and Geometric Programming using NumPy and Matlab, learned to optimize problems dealing with Matrix sparsity of Non-Polynomial norm-based programming problems in the energy field.

Jun 2014 -
Aug 2014 LEDA Energy (Novato, CA)
Software Developer

On the job, I used MeteorJS for rapid prototyping. I used Ruby on Rails, PostgreSQL, AngularJS and the Spree ecommerce Platform to create an ecommerce site for the company. I also created Python Scripts to manage the bulb matching feature of the website on the back end.

June 2013 -
August 2013 University of Richmond (Richmond, VA)
Math Researcher

During my time there, I used the Groups, Algebra, Programming (GAP) and C++ Languages in order to create software to facilitate the discovery of McFarland Constructions of Difference Sets for the National Security Agency. I received acknowledgments for contributions in computer programming in two papers, one of which is being published.

Outside the Classroom

- **Skills**

  Proficient in C, MIPS, HTML, CSS, JavaScript, JQuery, Python, Ruby on Rails, Java, Android, Excel, and Matlab
  Has experience with PHP, MongoDB, MeteorJS, AngularJS, SQL, and PHP

- **Projects**

  Starting Strength - An Android Application that allows you to learn how to lift and eat to gain muscle. Keeps track of basic lifts. Over 5000 downloads.

  Sportify (http://glacial-bayou-9540.herokuapp.com/) - Created a Rails app that allows for users to create, edit, RSVP to, and comment on pick up sports games.