

Wesley Wu

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Education

University of California, Berkeley

Electrical Engineering & Computer Science

May 2016

Overall GPA: 3.539

Awards & Recognitions

Regents Scholar – University of California, Berkeley (2012)

The Leadership Award – Cal Alumni Association (2012)

Eagle Scout – Boy Scouts of America (2012)

Valedictorian – Walnut High School (2012)

Order of the Arrow – Brotherhood (2011)

Experience

The Berkeley Forum | Director of Systems and Technology

Jan. 2013 - Present

Initiate and redesign web presence • Established a systematic method of asset management for event set-up/take-down • Implement interactive technology for client use • Lead training sessions involving IT, audio and video capture and editing.

Maharbiz Research Group | Undergraduate Researcher

May 2014 – Aug. 2014

Develop novel methods for hydrogel application onto flexible circuits for clinical use • Utilize AutoCAD and 3D printing for rapid device prototyping • Investigate mechanical and chemical properties important to hydrogel application.

OptiScan Corp. | Intern

Dec. 2012 – Jan. 2013

Assist in experimental design for product testing • Improve data organization system through Omnifile software • Utilize statistical analysis to determine viability of new product designs.

Coursework

Programming: Machine Structures • Data Structures and Programming Methodology • Introduction to Artificial Intelligence • Computer Programming for Engineers • Efficient Algorithms and Intractable Problems

Bioengineering: Biological Transport Phenomena • Protein Informatics • Bioenergy and Chemical Synthesis: Metabolic Engineering and Synthetic Biology Approaches • Introduction to Biomedicine for Engineers • General/Organic Chemistry + Lab

EE: Optimization Models in Engineering • Structure and Interpretation of Systems and Signals • Microelectronic Circuits • Properties of Materials

Mathematics: Multivariable-Calculus • Linear Algebra and Differential Equations • Discrete Mathematics and Probability Theory

Projects

The Berkeley Forum | Director of Systems and Technology

As Director of Technology of The Berkeley Forum, I created and managed the content of the website. The site was built in HTML and CSS. The website provides timely information of the organization's updates and upcoming events drawing traffic from Facebook through targeted ads. We are in the process of revamping the website's front-end.

ConnectPRO | Intern

I assist ConnectPro was a UX and front-end developer intern. Using primarily Wordpress/PHP/JS for the front-end, I helped redesign the website layout and shopping experience. I also used SQL to track customers and improve customer followthrough.

Lazee | Personal

Web tool to help students find the paths they will be taking between classes on campus. Built with AngularJS and Bootstrap. Using API from NinjaCourses and Google Maps. Still in progress.