

Daniel A. Duazo

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EDUCATION

University of California, Berkeley | Berkeley, CA

B.A. Computer Science, GPA: 3.27

Dec 2017

Relevant Coursework: Algorithms, Data Structures, Machine Learning, Internet Architecture, Database Systems, Game Theory

SKILLS

Programming Languages: Python, Java, C, PHP
Web Development: JavaScript (jQuery), HTML, CSS/Bootstrap
Tools: SQL, Git, LaTeX, Adobe Photoshop, Adobe InDesign
Spoken Languages: Basic understanding of Spanish and Tagalog (Filipino)

PROFESSIONAL EXPERIENCE

The Aerospace Corporation | El Segundo, CA

May 2016 – Aug 2016

Intern

- Developed software and tools as a member of the Systems Integration and Test Office in the Systems Engineering Division of The Aerospace Corporation intended for use by the U.S. Air Force Space & Missile Systems Center and their government contractors

UC Berkeley Dept. of Electrical Engineering and Computer Science | Berkeley, CA

Jan 2015 – May 2015

Academic Intern

- Assisted the CS10 (one of Berkeley's introductory computer science classes) course staff
- Attended to students' questions regarding elementary computer science theory and concepts
- Reviewed and contributed to the improvement of course materials released to students biweekly

LEADERSHIP AND EXTRACURRICULARS

Institute of Electrical and Electronics Engineers | Berkeley, CA

Jan 2016 – Present

Industrial Relations Officer

- Officer in the Industrial Relations committee
- Assisted in planning industry info sessions, tech talks, and the biannual UCB Startup Fair

Theta Delta Chi Fraternity | Berkeley, CA

Jan 2015 – Present

- Participated in philanthropy events throughout my time as a brother, mainly with Autism Speaks U
- Assisted in the planning and organization of several annual events including the Autism Speaks U 5K Walk/Run and the TDX House of Horrors

University of California Athletics Department | Berkeley, CA

Aug 2015 – May 2016

Sports Medicine Intern

- Worked under the supervision of team physicians and athletic training staff to provide modern training, progressive treatment and rehabilitative care to student-athletes – specifically to players on the men's basketball team

PROJECTS

Test History Visualization Tool | The Aerospace Corporation

May 2016 – Aug 2016

Technologies Used: JavaScript (jQuery), HTML, MySQL, PHP

- As a member of a team of four, created an interactive web-based timeline to efficiently and effectively track the history of tests of government space vehicles conducted by The Aerospace Corporation's Systems Engineering Division and the U.S. Air Force
- Implemented the user interface/front end with Javascript (jQuery)
- Developed the back end with a MySQL database and PHP

Gas Money Calculator

Jul 2016 – Present

Technologies Used: Google Maps API, JavaScript, HTML

- Web app that utilizes the Google Maps Distance Matrix API and local gas prices to effectively estimate the share of gas money to be paid to friends and drivers