

# Daniel A. Duazo

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## EDUCATION

### University of California, Berkeley

B.A. Computer Science  
GPA: 3.27  
Expected graduation, May 2018

## COURSEWORK

### Completed

Efficient Algorithms and Intractable Problems  
Data Structures  
Computer Architecture

### In Progress

Internet Architecture and Protocols  
Database Systems  
Macroeconomic Analysis  
Game Theory

## SKILLS / TOOLS

### Development

Python  
Java  
C  
PHP  
JavaScript (jQuery)  
HTML5 / CSS3  
Bootstrap

### Other

SQL  
Git  
LaTeX  
Photoshop  
InDesign

## WORK EXPERIENCE

### The Aerospace Corporation

MAY - AUG 2016

#### Intern

Developed software intended for use by the US Air Force Space & Missile Systems Center and their private contractors.

Responsible for multiple parts of the stack including web development and integration with a MySQL backend.

## SELECTED PROJECTS

### Test History Visualization Tool

MAY - AUG 2016

*Technologies used: JavaScript (jQuery), HTML, MySQL, PHP*

Built an interactive web based timeline to efficiently track testing of government space vehicles conducted by The Aerospace Corporation, contractors, and the US Air Force.

Implemented the user interface and front end with JavaScript (jQuery) and HTML/CSS.

Developed the back end with a MySQL database and PHP.

### Gas Money Calculator

JUL - SEP 2016

*Technologies used: Google Maps API, JavaScript, HTML*

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

## EXTRACURRICULARS

### Institute of Electrical and Electronics Engineers

JAN 2016 - PRESENT

#### Industrial Relations Officer

Officer in the Industrial Relations committee.

Assisted in planning industry infosessions, tech talks, and the biannual UCB Startup Fair.

### Theta Delta Chi Fraternity

JAN 2015 - PRESENT

Participated in various philanthropy events and fundraisers during my time as a brother, mainly with Spectrum: Autism at Cal.

Helped plan and organize several events including the Autism Speaks 5K Walk/Run and the annual Halloween Theta Delta Chi House of Horrors.

### University of California Athletics Department

AUG 2015 - MAY 2016

#### Sports Medicine Intern

Shadowed team physicians and athletic trainers.

Provided modern training, progressive treatment, and rehabilitative care to student-athletes, specifically to those on the California Golden Bears Men's Basketball team.