

# Francisco Aceves

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## Computer Science Student

### Education

#### Bachelors of Science, Computer Science

University of California, San Diego, La Jolla, CA

Anticipated Graduation: June 2017

GPA: 3.22

University of Edinburgh, Midlothian, United Kingdom

**Study Abroad:** Scotland – Year Program

2015-2016

### Skills

- Java
- C/C++
- HTML/CSS
- MATLAB
- SQL
- English and Spanish

### Relevant Course Work

Software Engineering  
Introduction to Java Object Oriented Programming  
Advanced Data Structures  
Operating Systems  
Design and Analysis of Algorithms  
Introduction to Theory and Computation

### Related Projects

#### Course

**Intro to Java:** Had lab projects every week building on a 'Processing Payments on a Loan' program as the course progressed using arrays, functions, inheritance, polymorphism, and ArrayLists that contain objects.

**Advanced Data Structures:** Implemented Binary Search Tree's, Randomized Search Tree's, Huffman Code Tree's, Disjoint-Sets and Breadth First Search graphs in C++ in order to understand and analyze the difference in performance between each other.

**Software Engineering:** In a team of 10, implemented a Scheduling Web App utilizing HTML, CSS and Parse that visually displayed the user's availability. Created Waterfall Use Cases and was designated Database Analyst to manage and design a Database Schema.

#### Personal

**Arduino Robot Group Project:** Developed a flood fill algorithm that solves a maze for an IEEE Micro Mouse competition.

### Work Experience

#### CASP 101 Summer Transition Intern, La Jolla, CA

- Led a diverse and underrepresented group of incoming students.
- Created and facilitated programmatic activities to foster student success.

07/24/2013 –  
08/1/2014

#### Home Theater and Computer Sales Associate, Best Buy, Chula Vista, CA

- Collaborated with co-workers and managers across multiple departments including: Geek Squad, Computers, Home Theater, Digital Imaging and Car Audio to articulate problems and provide solutions while increasing customer rapport.
- Lead small competitions against other departments to hit goals and create a fun working environment.

11/2007 – 01/2013

### Organizations and Memberships

Student Member, **Institute of Electrical and Electronics Engineers**, 2014 – Present

Outreach Committee, **Society of Hispanic Professional Engineers**, 2014 – Present

Member, **CSE Scholars Community**, 2014 –2015

Member, **Computer Science and Engineering Society**, 2014 – Present

### Awards

**Chancellor's Associate's Scholar**, University of California, San Diego, 2014

**Provost Honor's**, University of California, San Diego, Winter 2015

