

Immanuel Amirtharaj

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SUMMARY OF QUALIFICATIONS

- **Languages:** C, C++, Java, and Objective C (iOS development)
- **Relevant Coursework:** Data Structures, Embedded Systems, Discrete Math, and Calculus
- **Applications:** Xcode, Sublime, Vim, and Github

EDUCATION

Bachelor of Science in Computer Science and Engineering at Santa Clara University,
Santa Clara, CA

- **Expected Graduation:** 2017

WORK AND VOLUNTEER EXPERIENCES

Student Technician: Santa Clara University Media Services, Santa Clara, CA, December 2014 - Present

- Performed various setups including projectors, laptops, and sound systems around campus
- Occasionally worked at the front desk, and assisted both teachers and students in checking out equipment
- Was called to troubleshoot technology problems in the classrooms

Exhibit Explainer, Children's Discovery Museum of San Jose, San Jose, CA, June 2012 - September 2012:

- Facilitated the activities and projects done at the museum.
- Provided exceptional customer support to the guests at the museum.
- Conducting events such as concerts and mascot showings taught me leadership qualities such as efficiency, patience, decision-making, and teamwork.

NOTABLE ACHIEVEMENTS

AP Scholar: Average of 4.25/5 in Biology, US History, US Government, and Calculus AB

3rd Place: EA Code Wars Hackathon, Redwood City, CA

- Worked with a team of 3 other people to build an iOS game in 24 hours.
- Gained valuable experience with working with Processing, a java based physics engine.

3rd Place: Hack for the Homeless Hackathon, Santa Clara, CA

- Worked with a team of 3 other people to build Modality, iOS app which uses user-inputted symptoms to diagnose them with illnesses
- Used Parse, a cloud based service to input data into the backend.

PROJECTS

Project CampusZone - A way to connect students to their college community

- **Front End Developer:** Currently creating a visually pleasing user interface for CampusZone, an iOS app.
 - Utilizing AVFoundation framework for the camera, the Core Image framework for filtering images, and the Core Navigation framework for reverse geolocating user locations.
- Expected release is Spring 2015.

PROFESSIONAL MEMBERSHIPS

Student Member, Institute of Electrical and Electronics Engineers, Jan. 2013 - Present

Student Member, Association for Computer Machinery, Jan. 2013 - Present