

NILAY MEHTA

✉ nilay.mehta@gatech.edu 📞 (949) 351 4884 📍 326173 Georgia Tech Station Atlanta, GA 30332

OBJECTIVE

To obtain a summer 2017 internship exploring the various roles involved in software development.

EDUCATION

Georgia Institute of Technology

Candidate for Bachelor of Science in Computer Science

Expected Graduation: May 2020

Irvine High School

GPA: 3.81/4.0

September 2012 to June 2016

SKILLS

LANGUAGES/RELATED SKILLS: Python, Java, C++, C

APPLICATIONS: Adobe Photoshop, Adobe Illustrator, Simplify3d

HARDWARE: Arduino, Raspberry Pi

PROJECTS AND RESEARCH

Voice and Muscle Controlled Prosthetic Hand

July 2014 to March 2016

- Implemented a program in Python and C++(Arduino) with muscle control and voice recognition to control a 3d printed prosthetic
- Awarded recognition at multiple science fairs including 3rd place at the California Science Fair and 3rd place in Intel's International Science and Engineering Fair
- Selected to speak at University of California, Irvine's (UCI) Arnold and Mabel Beckman Center during the 2015 Orange County Science and Engineering Fair's Excellence in STEM Awards
- Featured in several news sources internationally including LA Times, 3dprint.com, Times of India (3rd largest newspaper in India), and in telecasts like "Think It Up", which was backed by organizations like Staples and 'The Bill and Melinda Gates Foundation' (it aired on CBS, ABC, FOX, and NBC on 09/11/2015).

Undergraduate Researcher at University of California, Irvine (UCI)

June 2015 to August 2015

- Continued research on prosthetics project with guidance from PhD student Sumner Norman at the UCI Mechanical Engineering lab under Professor David Reinkensmeyer
- Tested possible alternatives for muscle detection including wireless and reusable options

LEADERSHIP

Mercy Ships · President

September 2013 to June 2014

- Organized events and raised funds to provide free health care and surgery to 23 patients in West Africa

Eye Sight Learning · Vice-President

September 2014 to June 2016

- Planned fundraisers and collection drives to recycle eyewear into schools in underdeveloped areas
- Collected and raised funds to distribute 120 glasses

National Society of High School Scholars · Ambassador, Logistics Committee

July 2014 to June 2016

- Coordinated community service projects, blood drives, and helped plan a larger event with company sponsors (UCLA and Tesoro).

VOLUNTEERING

Orange County Science · Event Coordinator

September 2014 to June 2016

American Cancer Society · Secretary

September 2014 to June 2016

National History Day · Member, Treasurer

October 2013 to June 2016

Youth Action Team · Member

September 2012 to June 2016