

Rohun Atluri
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OBJECTIVE

To obtain a computer science internship for the summer of 2016 in a team environment or as an individual contributor

EDUCATION

Georgia Institute of Technology, Atlanta, GA **Aug 2015 - Present**
• Candidate for Bachelor of Science in Computer Science (Expected Graduation May 2019)
Vista del Lago High School **GPA: 4.3/4.0** **Aug 2011 – May 2015**

EXPERIENCE

HackGT 2015, Atlanta, GA **25 September - 27 September 2015**

- Worked with a team to develop an app that optimizes time efficiency of going to class
- Developed the front-end Android interface to communicate with a RESTful web service

Paid Engineering Intern, Naval Postgraduate School, Monterey, CA **Jun 2015 – Aug 2015**

- Worked with astronauts, professors, military officers, and PhD students
- Designed and programmed satellite hardware in a High Altitude Balloon (HAB) payload
- Developed master script for payload and programmed radios and various sensors utilizing a Raspberry Pi
- Completed 2 successful HAB launches

Sacramento Regional NASA SpaceApps Hackathon Winner, Sacramento, CA **April 2015**

- Worked with team to design a concept for measuring depth using a single camera
- Qualified to international level of competition

Paid Engineering Intern, Naval Postgraduate School, Monterey, CA **Jun 2014 – Aug 2014**

- Worked with astronaut Dr. Jim Newman, Space Systems Lab, developing a HAB payload
- Designed HAB in CAD, 3D printed components
- Programmed Beaglebone Black, various sensors, and balloon release mechanism using python

Paid Camp Counselor, BSA Camp Emerald Bay, Catalina Island, CA **Summer 2011, Summer 2012**

- Taught various merit badges to hundreds of kids each week for 6 weeks

Paid Referee, Folsom Soccer Club, Folsom, CA **Fall 2012 - Fall 2014**

- Worked as both a center and an assistant referee

First Tech Challenge, Folsom, CA **Sep 2011 – Mar 2015**

- Captain for 2 years. Qualified to the world championship two years consecutively
- Built and programmed an autonomous and driver operated robot
- Led team to over 40 award wins at all levels

CyberPatriot Team Captain, Vista del Lago High School, Folsom, CA **2014-2015**

- Founded the team, recruited members and led the team to three consecutive wins the first year

Eagle Scout Project, Vista del Lago High School, Folsom, CA **May 2011 – November 2012**

- Raised \$5000, planned and managed the project to build a 12'x18' greenhouse and a 4x6' toolshed
- Spent 250 personal hours over 1.5 years, and recruited and led volunteers who donated 600 hours.

Aviation, EAA Young Eagles Program, Sacramento, CA **2012 - 2014**

- Helped build fuselage, brakes and wiring, and other components in an RV-12 aircraft
- Certified Student Pilot

SKILLS

Languages: Python, Java, JavaScript, ROBOTC

Applications: SolidWorks, Autodesk Inventor, PTC

Operating Systems: Windows, OSX, Linux (Ubuntu), Android

Laboratory Equipment: Oscilloscope, SPI Probe, Digital Multimeters, Soldering Iron

Hardware Platforms: Raspberry Pi, Beaglebone Black, Arduino

AWARDS

- Eagle Scout (2012)
- U.S. President's Volunteer Service Award (2012)
- Engineering Department's Pathway to Engineering Award (2015)