

ROHUN ATLURI

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EDUCATION

Georgia Institute of Technology Bachelor of Science, Computer Science May 2019

Relevant Coursework: Object Oriented Programming, Data Structures and Algorithms, Multivariable Calculus, Linear Algebra with Abstract Vector Spaces

EXPERIENCE

Paid Engineering Intern, Naval Postgraduate School, Monterey, CA Summer 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

Paid Engineering Intern, Naval Postgraduate School, Monterey, CA Summer 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

LEADERSHIP EXPERIENCE, ACADEMIC PROJECTS, AND ACTIVITIES

HackGT 2015, Atlanta, GA Fall 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

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

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

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

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

HONORS & AWARDS

•Engineering Department's Pathway to Engineering Award Spring 2015

•Eagle Scout Fall 2012

•FIRST Tech Challenge World Championship Fall 2011 - Spring 2013

Skills

Languages: Python (Experienced), Java (Experienced), JavaScript (Some Experience)

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

ADDITIONAL INFORMATION

Interests: Computer Vision, Machine Learning, Soccer, Snowboarding, Robotics

US Citizen