

# ROHUN ATLURI

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## EDUCATION

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Georgia Institute of Technology      Bachelor of Science, Computer Science      Aug 2015 - May 2019

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

## EXPERIENCE

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Engineering Intern, Naval Postgraduate School, Monterey, CA      Jun - 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

Engineering Intern, Naval Postgraduate School, Monterey, CA      Jun - 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

## LEADERSHIP EXPERIENCE, ACADEMIC PROJECTS, AND ACTIVITIES

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CrossCampus, HackGT 2015, Atlanta, GA      Sept 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
- Methodology included using several frames at different focal length to interpolate a distance
- Qualified to international level of competition

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

- Founded the team, recruited members
- Worked to fix security exploits in various operating systems including Windows 7, Ubuntu
- Led the team to three consecutive wins the first year

Aviation, EAA Young Eagles Program, Sacramento, CA      Mar 2012 - Jan 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

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•Pathway to Engineering Award - Vista del Lago High School      May 2015  
•Eagle Scout      Sept 2012

## Skills

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

**Applications:** SolidWorks, Autodesk Inventor, PTC

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

**Platforms:** Raspberry Pi, Beaglebone Black, Arduino, Android

## ADDITIONAL INFORMATION

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**Interests:** Computer Vision, Machine Learning, Robotics, Soccer, Snowboarding, Backpacking  
US Citizen