

# John Behnke

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## EDUCATION

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Rensselaer Polytechnic Institute (RPI), Troy, NY Expected May 2017  
Bachelor of Science in Computer Science GPA: 3.73/4.0

- Relevant Coursework: Data Structures, Introduction to Algorithms, Operating Systems, Programming Languages, Database Systems, Network Programming, and Software Documentation and Design; currently taking: Distributed Systems and Algorithms and Cryptography I
- Honors: The Rensselaer Medal; Dean's List

## SKILLS

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Programming Languages: Python, C++, Swift, C, Java, NodeJS  
Operating Systems/Platforms: macOS, iOS Development, Android Development, Linux, Windows  
Language: Native English speaker and working knowledge of Spanish

## EXPERIENCE

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IBM, Innovation Platforms June-August 2016  
Software Developer Intern

- Created a RESTful API backend in NodeJS/Express for an email digest service and integrated it into an existing front-end
- Created a tvOS application and a RESTful API backend in Kitura for an IBM product
- Worked in an Agile team based environment using tools such as Github

Code U Mentorship Program March-August 2015  
Participant

- Worked under the guidance of a Google engineering mentor on a series of technical exercises focusing on data structures and algorithms
- Completed Udacity's Developing Android Apps course, worked with two other participants to create a crowd sourced tutor finder called "StuddyBuddy" in two weeks

Rensselaer Polytechnic Institute, Office of Residence Life Fall 2015-Current  
Resident Assistant

- Advise and mentor 39 residents by developing programs that promote positive values
- Ensure that the residence hall remains a safe environment for students
- Complete room checks, incident reports, and evaluations

## PROJECTS

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RPI Tours

- Lead iOS developer on an open-source iOS application designed to allow prospective students, returning alumni, or anyone interested about RPI to go on self-guided tours of RPI's campus. Currently in active development

RRS Payload

- Co-Developer of an open-source, Arduino based, payload for a competition rocket for the Rensselaer Rocket Society (RRS). The payload gathers pressure, humidity, temperature, gyroscopic, acceleration, GPS, and altitude data in real time and relays it back to a ground station.

## ACTIVITIES/LEADERSHIP

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Rensselaer Rocket Society (RRS) Fall 2013-Current

- Vice President (Spring 2014)
- President (Fall 2014 - Spring 2015)
- Active member in the construction of a competition level rocket. Participate in community outreach programs with a local Girl Scout troop.

Rensselaer Center for Open Source (RCOS) Fall 2014-Current

- Active member in community for developing open-source applications/tools that can solve societal problems.
- Current project mentor on three different projects

