

# Nick Mosher

nicholastmosher@gmail.com

github.com/nicholastmosher

linkedin.com/in/nicholastmosher

nicholastmosher.com

## Education, Honors, and Awards

GPA: 3.6

Software Engineering student at Rochester Institute of Technology (2015 - 2020).

RIT Presidential Scholarship, RIT Computing Medal Scholarship, Redcom Software Engineering Scholarship.

RIT Dean's List Fall 2015, Spring 2016.

Member of Computer Science House at RIT.

## Work Experience

Software engineering intern at **Intuit**

**June 2017 - Present**

Developed a client library for tracking user actions in web applications. Used Javascript ES6 and webpack.

Software engineering intern at **Constant Contact**

**June - July 2016**

Worked on an email backend system. Used Java 8 and Maven, learned about restful APIs. Used team-oriented git workflows (fork/PR, Jenkins CI), participated in team Scrum process.

Day counselor at **Virginia Space Flight Academy**

**June - August 2015**

Taught campers aged 11-17 about basic robotics using Lego Mindstorms and Arduino. Topics included sensor feedback, basic control flow, and a brief introduction to the PID closed-loop control algorithm.

Intern at **NASA Wallops Flight Facility**

**June - August 2014**

Designed a pictorial layout and gathered documentation for a high-pressure gaseous oxygen system for use on a C-130 research aircraft. Used Autodesk Inventor for modeling.

## Other Experience and Independent Projects

Pulse Audio Puppeteer

**Spring 2017**

Web app and api for controlling pulse audio configurations. [github.com/nicholastmosher/pa\\_puppeteer](https://github.com/nicholastmosher/pa_puppeteer)

Apple iOS App Challenge at RIT

**January 2016**

Learned basic iOS app development using Swift over a four-day hackathon. [github.com/nicholastmosher/DQR](https://github.com/nicholastmosher/DQR)

Easycom Android Library

**2015 - 2016**

A library for interface-independent control of networked projects. [github.com/nicholastmosher/easycom-core](https://github.com/nicholastmosher/easycom-core)

Kudos Robot

**August 2014**

A simple but versatile robotics platform. [nicholastmosher.com/Kudos](http://nicholastmosher.com/Kudos)

FIRST Robotics Team 1829 "The Carbonauts"

**2011 - 2015**

Served leadership roles doing programming, electrical, and mechanical work for robotics. <http://a360.co/1FyOoYP>

## Skills

Languages		Environments/Platforms/Tools		More	
Java	Advanced	POSIX-style CLI	Advanced	Git	Advanced
React/ES6/JS	Advanced	Embedded systems	Novice	Build/CI	Proficient
C	Proficient	Android	Novice		
Rust	Semi-Proficient				
Python	Novice	<a href="https://github.com/nicholastmosher/dotfiles">github.com/nicholastmosher/dotfiles</a>			

A current version of this resume may be found at [nicholastmosher.com/Resume.pdf](http://nicholastmosher.com/Resume.pdf).