# STEVEN SAWTELLE

## SOFTWARE ENGINEERING INTERN

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## EDUCATION

**Barrett, The Honors College - Arizona State University (August 2015 - May 2019)**
Bachelor of Science in Computer Science
Major GPA: 4.00/4.00
Overall GPA: 3.86/4.00

## PROJECTS

**@LearnWordsYo (Used: Javascript, node.js)**
- Designed and developed a Javascript Twitter bot to tweet out five synonyms of one word, respond to correct guesses of that word, give hints, and more
- Extensively utilized Node.js framework and npm to achieve integration with multiple packages
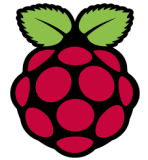- Implemented version control and remote hosting using Git and Heroku

**Continuous messager script for Reddit (Used: Python)**
- Designed and implemented a script to monitor and report on sections of reddit.com based on certain keywords using Python and the PRAW API

**Raspberry Pi Curriculum Incorporation (Used: Raspberry Pi, Python)**
- Design and program interactive tutorials on Raspberry Pi to use for elementary school children to learn coding
- Identify and implement tools for use in teaching problem solving skills and technological fluency to students

## SKILLS

**PROGRAMMING LANGUAGES:** Python, Java, Javascript, Swift
**FAMILIAR TECHNOLOGIES:** node.js, Subversion, Git, Various APIs

## EXPERIENCE

**Performance Software Corporation (June 2016 - Current)**, *Software Engineering Intern*, Phoenix, AZ
- Create, test, analyze and update complex, safety-critical Flight Control Software in Python
- Design full coverage test cases to ensure proper software implementation
- Exercise communication skills through working in a medium size group setting and with industry partners

## LEADERSHIP

**Next Generation Service Corps (August 2016 - Current)**, *Mission Team Leader/Section Leader*
Arizona State University
- Selected by ASU as a service oriented individual to pursue a Cross-Sector Leadership certificate
- Led a team of 15-30 students through leadership activities, service events, and various community events in pursuit of a certificate in Cross-Sector Leadership from ASU

## AWARDS

**Fulton Furnace Hackathon (Second Runner-Up, September 2016)**, *Arizona State University*
- Brainstormed, designed and built a portable refrigeration unit out of a vacuum, power drill, and pneumatic tubes for use in a variety of situations
- Created a video and sales pitch for community partners to demonstrate impact of invention

## ACTIVITIES

**League of Legends Community @ ASU (August 2015 - May 2016)**, *Tournament Organizer*
- Collaborated with Riot Games, ASU, and students to host fun, competitive League of Legends tournaments

**Ira A Fulton Schools of Engineering Ambassadors (October 2016-Current)**, *Ambassador*
- Interfaced with ASU to reach out and encourage all students to consider engineering majors
- Gave tours, hosted info sessions, and answered questions about life at ASU and as an engineering student