

Steven Sawtelle

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EDUCATION

Arizona State University – Barrett, the Honors College – Graduating May 2019	Tempe, AZ
<i>Computer Science, BS – GPA 3.91/4.0</i>	
Activities: Next Generation Service Corps, Software Developer's Association	
Honors: Dean's List, President's Scholarship, Public Service Academy Award	
National University of Singapore - University Exchange Program	Singapore, SG
Chosen to participate in the Honors exchange program with NUS, routinely rated as the number one university in Asia by QS World University Ranking	Fall 2017

EXPERIENCE

ViaSat, Inc. - Software Engineering Intern	Tempe, AZ
<ul style="list-style-type: none">Devised and created scripting software to automate redundant tasks of systems engineers, eliminating two hours of work for each execution.Integrated 3rd-party APIs into internal front end web portal.Tools: Python, Flask, GraphQL, EC2, Docker, Jenkins, JavaScript, D3, Git	May – Aug 2017
Performance Software - Software Engineering Intern	Phoenix, AZ
<ul style="list-style-type: none">Created and updated test scripts of safety-critical flight control systems.Awarded company's "Engineering Excellence Award" for outstanding work.Tools: Python, SVN, Rational DOORs	June 2016 – Apr 2017

PROJECTS *(more at github.com/StevenSawtelle)*

Arizona State University Facts • amzn.com/B071JL2MHN	June 2017
<i>Source Code: github.com/StevenSawtelle/ASU_Facts</i>	
<ul style="list-style-type: none">Created and published an Alexa skill to provide info about Arizona State University to Amazon Alexa devices on request.Tools: JavaScript, Lambda, Alexa APIs, AWS	
SwiftVISA • github.com/StevenSawtelle/SwiftVISA	Jan – May 2017
<i>Done as Student Researcher in Conjunction with Dr. Owen Hildreth</i>	
<ul style="list-style-type: none">Designed and developed a Swift wrapper of the National Instruments VISA standard for inter-device communication.Received funding from ASU's Fulton Undergraduate Research Initiative for the project.Tools: Swift, C	
Heartner • github.com/Eric-Arellano/heart-rate-life-alert	Jan 2017
<i>Completed for HackAZ 2017</i>	
<ul style="list-style-type: none">Created an application to consistently monitor the heart rate of users when enabled and contact friends/family when in danger.Individually focused on iOS development, UI Design, and Apple Watch integration.Tools: Swift, iOS, watchOS, HealthKit, Flask	
Raspberry Pi Curriculum Integration	Aug – Dec 2016
<i>Completed with Chandler Unified School District and Inition Education Solution</i>	
<ul style="list-style-type: none">Created and helped implement a program for local low-income elementary schools to incorporate Raspberry Pi projects into their after school curriculum.Interfaced with students, parents, teachers, supervisors and more to test out multiple options and decide on best implementation.Tools: Raspberry Pi, Arduino	

INTERESTS

Public Policy (specifically concerning CS Education), Board Games (designing and playing), Hobbyist Woodworking