

# Alexander Hamilton Schultz

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## Summary

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- Software Engineer
- Computer Science graduate May 2017 - Summa Cum Laude
  - 3.80 GPA (7 times Dean's List)
  - Minor in Mathematics

## Skills

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- 6+ years of object oriented design & software engineering
  - C/C++
  - Python
  - Java
  - Node.js
  - HTML5/CSS
- 3 years of iOS Development
  - Swift
  - CloudKit
- Git, Github, and JIRA
- Ruby On Rails
- Mocha Framework
- .NET framework
- SOAP & RESTful Web Services
- Distributed Software Development
- Software Architecture Development
- HTML, CSS, and JavaScript
- SQA & TDD
- SQL & SQLite
- Led and participated in Agile / SCRUM Environment
- Software Testing and Refactoring
- HCI and UI/UX
- Data Analysis

## Experience

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### Software Engineer

ViaSat Inc.

August 2017 to Current

- Developed and maintained test software framework for testing satellite internet transceiver modules
- Created data analysis tool to visualize test record data

### Software Engineering Instructor

Hope Christian Academy - Chandler, AZ

September 2017 to Current

- Created and implemented material and activities to teach software engineering, robotics, and advanced mathematics to 4th - 8th grade students.

### **iOS Developer (Student)**

State Farm Insurance

August 2016 to May 2017

- Developed iOS app (macronutrient tracker and meal planning) as part of ASU Capstone.
- Worked in Agile environment under the supervision and guidance of State Farm developers and managers.

### **Team Leader**

Engage the Crisis

June 2016

- Led and organized 15 college students on a two week trip to serve refugees in Berlin.

### **Computer Science Tutor**

Arizona State University

August 2016 to May 2017

- Taught the principles of object oriented programming to 10+ computer science students weekly.
- Built community within the computer science school.

### **Founder**

ASU Startup Slam Organization

January 2015 to May 2017

- Spoke with Phoenix Valley startup leaders and arranged guest speaking opportunities for students to get connected with the local tech startup industry.
- Held weekly ideation sessions to unify students across disciplines under entrepreneurship.

### **Startup Evangelist**

ASU Fulton School of Engineering Startup Center

November 2014 to May 2015

- On-campus ambassador between students and Phoenix Valley startup leaders.
- Helped secure funding for the creation of the Startup Center on Tempe campus of ASU.

## **Education**

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### **Bachelor of Science, Computer Science (Software Engineering)**

Arizona State University - Ira A. Fulton School of Engineering

**Minor in Mathematics** - School of Mathematical & Statistical Sciences

3.80 cumulative GPA

Dean's List for 7 semesters

Summa Cum Laude

Finalist in FSE 301 - Entrepreneur & Value Creation pitch competition

Software Developers' Association (SoDA)

**graduated May 2017**