Samuel Jih

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Education

Pomona, CA	Cal Poly Pomona	Sept 2013 – Dec 2015

- B.S. in Computer Science, 3.3 GPA
- Coursework: Algorithms, Data Structures, OOP (Design Patterns), AI, Databases, Unix Scripting, Android Development, Networks, GUI, OS, Assembly Programming, Software Engineering (Web Services)
- Member of Computer Science Society student club

Abilene, TX	Community College of the Air Force	May 2009 – May 2011

- A.S. in Avionic Systems Technology

Employment

Avionics Systems Technician	U.S. Air Force	May 2007 – May 2011

- Attention to detail – Found numerous discrepancies from aircraft integrated maintenance database system
- Ambitious learner – Achieved awards for outstanding academic achievement and early promotion, showing a true desire to excel
- Dependable – Held government secret clearance for 4 years
- Patient and steadfast – Solved difficult malfunctions of grounded aircraft by finding root causes as others gave up
- Positive attitude – Motivated the team, allowing productivity to soar

Experience

- [Hugg](#) Android app on Google Play store using Google Maps API
- Notepad and Calculator GUI programs using Java Swing
- 8-puzzle artificial intelligence Java project using A* algorithm with two heuristics
- Java client program for playing Tic-tac-toe across a network using TCP
- Web service group project with Spring Boot, Amazon Web Services, Jenkins, GitHub
- SQL queries and relational database schema design in MS Access to keep track of students, classes, and enrollment

Skills

- Languages: Java; C++; Python; some MySQL; Unix shells
- Web Development: HTML/CSS; JavaScript; jQuery; Spring Boot framework; some AngularJS
- Programs, Services, Technologies: Android Studio; Amazon Web Services; Gradle; Maven build automation; Jenkins continuous integration; GitHub version control; JUnit testing; HTTP; AJAX; JSON; XML
- Concepts: Agile development; test-driven development; clean code
- Currently Learning: MEAN stack; PHP; MySQL; C#/.NET