

## Samuel Jih

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### Education

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Pomona, CA	Cal Poly Pomona	Fall 2013 – Dec 2015
<ul style="list-style-type: none"><li>• B.S. in Computer Science, 3.3 GPA</li><li>• Coursework: Algorithms, Data Structures, AI, Databases, OOP, Unix Scripting, Android Development, Networks, GUI, OS, Assembly Programming, Software Engineering</li><li>• Member of Computer Science Society student club</li></ul>		
Abilene, TX	Community College of the Air Force	May 2009 – May 2011
<ul style="list-style-type: none"><li>• A.S. in Avionic Systems Technology</li></ul>		

### Employment

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Avionics Systems Technician	U.S. Air Force	May 2007 – May 2011
<ul style="list-style-type: none"><li>• Attention to detail – Found numerous discrepancies from aircraft integrated maintenance database system</li><li>• Ambitious learner – Achieved awards for outstanding academic achievement and early promotion, showing a true desire to excel</li><li>• Dependable – Held government secret clearance for 4 years</li><li>• Patient and steadfast – Solved difficult malfunctions of grounded aircraft by finding root causes as others gave up</li><li>• Positive attitude – Motivated the team, allowing productivity to soar</li></ul>		

### Experience

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- [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 framework, AngularJS, Amazon Web Services, Jenkins, GitHub
- Relational database schema design in MS Access to keep track of students, classes, and enrollment, with SQL query statements

### Skills

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- Languages: Java; C++; Python; SQL; XML; Unix shells
- Web Development: HTML/CSS; JavaScript; Spring framework; AngularJS
- Programs and Services: Android Studio; Amazon Web Services; Maven build automation; Jenkins continuous integration; GitHub version control; JUnit testing