

Jason Cai

6237557955 | Jasoncai528@gmail.com | Tempe, AZ

SUMMARY OF SKILLS

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|---|---|
| -Proficient in Java, C, C++ programming | -Experienced with C# in developing web services |
| -Web development with HTML, CSS, Javascript | -iOS mobile application development |
| -Database experience with MySQL | -Software testing strategies (Selenium) |
| -Multithreading programming | |

EDUCATION

Bachelor of Science: Computer Science, May 2017
Arizona State University

Git-Hub: <https://github.com/jasonc94>

- **GPA:** 3.89 / 4.0
- **Honors:** Dean's List 2013 Fall – 2017 Spring
- **Relevant Coursework:**
 - Data Structures and Algorithms
 - Software QA and Testing
 - Design & Analysis of Algorithms
 - Human Computer Interaction
 - Database Management
 - Distributed Software Development
 - Software Engineering Development Process

ACADEMIC COURSE PROJECTS

Hackathon Arizona Spring 2017

- Led a team of 4 in creating an iOS app
- Design and delegated task among members to finish the app within 36 hours
- Won the community award from Hackathon
- Technologies used: Swift, Git-hub, Spotify API

Capstone Web Game Fall 2016

- Developed two web games for ASU's sustainability department to spread the awareness about sustainability
- Followed agile development processes throughout the implementation
- Conducted unit testing in each phase to identify errors
- Technologies used: HTML, CSS, Javascript/JQuery, Node.js

Patient Information Management System (Semester Project) Fall 2015

- Leading a team of 10 people following the software development life cycle
- Constructed UML diagram and use case diagrams for the software
- Designed testing plans to solve potential problems
- Achieved a patient information management system to support the operations of a health care system.
- Technologies used: Java, Unit Testing, MySQL, GitHub, Microsoft Project.

Flight Reservation Fall 2015

- Developed a program which can store sort and display flight passengers' info.
- Skills applied: Vector/ArrayList, Sorting and Searching, Aggregate Objects, Interfaces, Serialization, File read and writing.
- Technologies used: Java, JDBC, MySQL, Junit Test, HTML, JavaScript, CSS

WORK EXPERIENCE

Arizona State University Tempe, Arizona
Undergraduate Tutor Dec 2014 – Current

- Assisted students in acquiring better understanding of concepts increased their grade
- Taught and explained problem solving strategies

Teaching Assistant June 2016 – July 2016

- Guide students in creating, implementing, and executing participant summer research projects.
- Assisted senior staff in identifying and resolving issues and conflicts requiring discretion, diplomacy, and confidentiality.