

# Shelton Bai

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## Summary

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College graduate with a B.Sc. degree in computer science, Java and AWS certifications, and 7 months software development experience. Seeking to leverage fast learning and strong problem-solving skills to start a career in software development. Open to relocation.

## Skills

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**Languages:** Java, C, Python, C++, HTML/CSS/JavaScript, Objective-C  
**Development Tools:** Git, GitHub, Eclipse IDE, Visual Studio  
**DBMS and Tools:** PostgreSQL, SQLite, SQL, JDBC  
**Operating Systems:** Windows, Linux (Ubuntu)  
**SDLC Methodologies:** Waterfall, Agile, Scrum  
**Cloud Tools:** AWS (S3, EC2, RDS, Lambda), Google Places API, Foursquare API

## Certifications

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- **Oracle Certified Associate, Java SE 8 Programmer** Feb 2023 – Present
- **AWS Certified Solutions Architect – Associate** Aug 2023 – Aug 2026

## Education

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**B. Sc. in Computer Science**, University of Pittsburgh, December 2023

Relevant Completed Coursework:

- Intro to Computer Architecture
- Database Management Systems
- Software Engineering
- Intro to Machine Learning
- Software Quality Assurance
- Programming Languages for Web Apps

## Experience

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CAO Group, Inc., Salt Lake City, UT

Software Development Intern

Jun to Aug 2021; May to Aug 2023

- Development and Testing of Software for Dental Laser Curing Devices
  - On Day 1, received an assignment of fixing a bug in the software using C and fixed the bug on Day 3
  - Enhanced the usability of device setting management function by centralizing the management and upgrade of device settings

- Refactored the application code to improve reusability and efficiency
- Fixed various bugs in the software including memory leak in C code
- Assisted in developing iOS apps to be paired with the dental lasers using Objective-C
- Automation of Manual Operations in Sales and Marketing
  - Developed Python scripts to validate and correct mailing address and facility data of dental offices using Google Places API and Foursquare API
- Enablement of Dental Image Sharing
  - Tasked with supporting dental image sharing due to the launch of new product offering
  - Familiarized myself with AWS within one week while having no previous experience
  - Developed a cloud-based file sharing system on AWS using services S3, EC2, RDS, and Lambda