

Jianwei Zhu

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Education

University of California, Davis
Computer Science B.S.

Sep 2018 - June 2021

De Anza College
Computer Science

June 2016 - Sep 2018

Relevant coursework: Algorithm Design, Data Structures, Operating Systems, Programming Languages, Computer Architecture, Web Programming, Artificial Intelligence

Projects

Messaging App (Javascript)

Built a mobile app with **react native** and **expo** for front-end. Connecting applications with **graphql** using **AWS Amplify** for real-time chat application for back-end.

Employee Management Systems (Java)

Built a simple employee management web application using **spring boot** for back-end, **thymeleaf** for front-end and **MySQL** for database.

Shell Script (C)

Implemented UNIX **system calls** that do the following 'read command, parse command, and execute command' and also implemented **file redirection** and **piping**.

Sudoku Solver (Python)

Created a GUI interface using **Pygame** for users to select their input. Utilize **backtracking** and **recursion** to find solutions.

Technical Skill

Languages: Proficient: Java, Python; Other Experience: Javascript/HTML, C++, C, Go, SQL

Frameworks: React, React Native, Node.js, Spring, Spring boot, Flask

Tools: Git, bash, chrome dev tool, vscode, intellij, maven