

Jianwei Zhu

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Education

University of California, Davis

Computer Science B.S

Sep 2018-June 2021

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

Project

- **Shell Script(C)**
 1. Execution of user-supplied command and typical built-in commands.
 2. Redirection of the standard output of commands to files.
 3. Composition of commands via piping.
- **Sudoku Solver(Python)**
 1. using backtracking and recursion to find the solution.
 2. GUI interface for user to input sudoku problem.
- **Simple To Do List(JavaScript,html)**
 1. Building an App using CSS and JavaScript to create a “to do list” that allows users to edit and edit the items on “to do list”.
 2. Display a collection of tasks that can be sorted by date, priority.
- **User-level thread library(C)**
 1. Creating new threads
 2. Schedule and execute threads
 3. Synchronization mechanism for threads to join other threads

Skills

Technical skills: Python, C++, C, Java, Javascript, Mysql, Html, Go, Data structures, Algorithm design, Complexity analysis, Object-oriented programming, Debugging, Automation testing

Individual qualities: Self-motivated, Goal oriented, Desire to upskill, Good communication skills, Problem solving, Leadership