Taylin Kieu

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🔗 Taylin Kieu

EDUCATION

- **University of California, San Diego** *2022-2026*

  B.S. of Computer Science

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Java, JavaScript, HTML, CSS,

Tools: Git, GitHub, GitHub Actions CI, GitHub Project, Android Studio, JUnit, Android, Robolectric

Techniques: Agile, Unit testing, Behavior-Driven Development, Refactoring, Design by Contract

PERSONAL PROJECTS

- **Successorator** *Winter 2024*

  Android TODO app, San Diego

  - Tools & technologies used: Java, Junit, Git, Github, Android studio
  - Collaborated in a team of seven to program. Created a to-do list app. Implemented task type switch feature and scheduled task fragments. Incorporated agile development practices through GitHub Projects and Slack.

- **Nachos OS** *Spring 2024*

  Operating System, San Diego

  - Tools & technologies used: Java
  - Collaborated in a team of three. Implemented low level I/O operations, system calls such as read, write, and join, and demand paging. Tested for multiprogramming and system calls.

- **Sudoku Solver** *Spring 2024*

  Back propagation bot, San Diego

  - Tools & technologies used: Java
  - Implemented a Sudoku solver using the back propagation search. Propagated through the Sudoku board, made decisions with heuristic, and back propagated after constraint violation