Allen Sien

allensien25@gmail.com |linkedin.com/in/sienallen/ | sienallen.github.io/Portfolio/ | github.com/Sienallen

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Education

University of California, Irvine   *September 2019 - June 2023*
Bachelor of Science in Computer Engineering
- GPA: 3.367
- Graduated: June 2023
- Coursework: Data Structures and Algorithms, Computer Architecture, Logic Design, Embedded Systems, Programming, Operating Systems, Parallel Programming, Autonomous Systems

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Skills

Programming: C/C++, Python, Java, SQL, ROS, HTML, CSS, JavaScript
Software Skills: VirtualBox, Linux, LTspice, GitHub
Technical Skills: Word, Excel, PowerPoint, Solidworks, Google Drive
Certifications: CPR, First Aid

Projects

Portfolio   *Oct. 2023 - Present*
- Developed using HTML, CSS, and Javascript
- Provided links to github projects and linkedin
- One page portfolio with a Nav bar for easy navigation

Sudoku Project   *Oct. 2023 - Present*
- Developed Sudoku using HTML, CSS, and JavaScript
- Implemented features to help user view the grid using Javascript

Autonomous Chess Board, Senior Design Project   *Sept. 2022 - Mar. 2023*
- Partnered with others to create a chess robot
- Implemented code to control the motors and electromagnet
- Allowed board play against app play through wifi
- Designed a CAD design on Solidworks

EECS 40, Object-Oriented Systems and Programming   *Sept. - Dec. 2021*
- Designed and coded a calculator on an Android emulator.
- Implemented 12 different functions and 23 buttons.

Chess Program, Software Engineering Project in C Language   *Mar. - June 2021*
- Partnered with a co-programmer to analyze codes to implement new features
- Coded the game, Chess, from scratch in C and shared through Github
- Researched algorithms to implement for the AI game mode.
- Presented daily progress reports to our lab's supervisors.

ADDITIONAL EXPERIENCE

University of California, Irvine

Practice Director for Tennis Club at UCI   *Jan. 2022 - Apr. 2022*
- Directed games to help players learn tennis and socialize with other members
- Brainstormed supplies and reservations needed for a social event to be held

Treasurer For Tennis Club at UCI   *Apr. 2022 - June 2023*
- Handles the club funds, used for tournaments, fundraisers, socials, and hotels for our competitive team.
- Emailed different organizations to schedule fundraisers.
- Help organize and carry out events.
- Safety officer