

LEYNA DIEP

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EDUCATION

University of California, Riverside

Bachelor of Science in Computer Science with Business Applications

June 2024

Riverside, CA

- GPA: 3.66
- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Intro to Embedded Systems, Intro to Big Data Management, Marketing and Distribution Management, Decision Analysis and Management Science
- Currently Enrolled In: Principles of Web Development, Systems Analysis and Design, Business Data Communications

PROJECTS

Red Block Green Block

November 2023

<https://devpost.com/software/red-block-green-block>

Riverside, CA

- Collaborated with a team of three programmers to develop a 2-player minimal platformer game with cross-platform compatibility, supporting controller and keyboard inputs
- Designed and implemented an Arduino-based embedded system, turning it into a game controller where each joystick is controlled by a different player
- Achieved 2nd place out of 48 teams in the hackathon Citrus Hack 2023

JASL

June 2022 - July 2022

<https://github.com/lxyna/task-scheduler>

Riverside, CA

- Collaborated with a team of three programmers to create a task scheduler for CS100 Software Construction
- Utilized React, Next.js, and Mantine to build an efficient and responsive frontend user interface
- Engineered a Python backend with SQLite and Flask to create an API
- Implemented Agile principles through biweekly Scrum meetings, effectively assigning and tracking team responsibilities
- Applied unit testing methodology, ensuring robust code quality by testing each function individually and observing their behavior under stimulus

Website Development Workshop

April 2022 - July 2022

ACM@UCR

Riverside, CA

- Collaborated with a team of three programmers to redesign the Join Us page on the ACM website
- Utilized HTML and JavaScript to code the club room description and club room access form

EXTRACURRICULAR ACTIVITIES

Cybersecurity@UCR

April 2022 - Present

Member

Riverside, CA

- Regularly attend biweekly meetings covering diverse topics such as game hacking and password cracking
- Contributed to cyber defense competitions by writing business tasks (injects) for WRCCDC and addressing vulnerabilities on a Linux virtual machine for Hivestorm

TECHNICAL SKILLS

Programming Languages

C++, JavaScript, CSS/HTML

Technologies

Google Workspace, Microsoft 365, React, Git, Linux