# LEYNA DIEP

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## EDUCATION

**University of California, Riverside**                                                                                 June 2024
Bachelor of Science in Computer Science with Business Applications                                       *Riverside, CA*

- GPA: 3.65
- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Intro to Embedded Systems, Intro to Big Data Management, Principles of Web Development, Marketing and Distribution Management, Decision Analysis and Management Science, Intro to Financial Management

## PROJECTS

**Professional Website**                                                                                                         May 2024
https://github.com/lxyna/website                                                                                    *Riverside, CA*

- Developed a portfolio website to professionally showcase resume and personal achievements
- Utilized JavaScript, CSS, and HTML to build the website
- Created React components for each section of the website to enhance modularity and maintainability

**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
- 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

## EXTRACURRICULAR ACTIVITIES

**Cybersecurity@UCR**                                                                                   April 2022 - June 2024
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

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|---|---|
| **Programming Languages** | C++, JavaScript, CSS/HTML, Python |
| **Technologies** | Google Workspace, Microsoft 365, React, Git, Linux |