Dianella Sy

dianellabsy@csu.fullerton.edu | www.linkedin.com/in/dianellasy | www.github.com/dianellasy

EDUCATION

California State University, Fullerton Expected May 2027
Bachelor of Science, Computer Science

RELATED COURSES

Data Structures	Python Programming	Software Engineering
Operating System Concepts	Object-Oriented Programming	Cybersecurity Foundations and Principles

SKILLS

- **Technical Languages:** C, C#, C++, CSS, Go, HTML, JavaScript, Python, Rust, x86-64 Assembly Language
- **Operating Systems:** ChromeOS, Linux, Microsoft Windows
- **Other:** Bash, Git, GitHub, ShellScript, Svelte, Unity, Visual Studio Code
- **Soft Skills:** Communication, Interpersonal Skills, Teamwork, Problem-Solving, Attention to Detail

PROJECTS

Country Life Cafe January 2025 – May 2025
- Programmed a video game using **Unity** and **C#** to promote the idea of sustainable farming
- Produced ingredients on the farm and built the order in the half kitchen and half window scene in a specific amount of time for three days
- Obtained tokens if the order is successfully served, and the user wins if a certain number of tokens is reached

Out of this World Cafe April 2025
- Developed during the **24-hour hackathon**, FullyHacks 2025, with **250+ participants**, and won **Best Game Project**
- Implemented a restaurant tycoon video game utilizing **C#** and **Unity,** where a group of animals have been stranded in space for a period of time
- Served the animals ice cream, and if they are satisfied, they will go home with the cafe owner back to Earth

EXPERIENCE

ACM Webmaster and Open Source Co-Team Lead May 2025 – Present
California State University, Fullerton Fullerton, California
- Maintain the Association for Computing Machinery CSUF's website, **acmcsuf.com**, the largest open-source project for the chapter club, and updates it with new information
- Present and organize weekly technical workshops for students, such as instructing them to make a first contribution to the acmcsufoss organization and an Introduction to **SvelteKit** and **Go**
- Guide students with issues listed on **GitHub** and mentor how to solve the issue and pull request workflows, providing hands-on experience in contributing to open-source projects

Treasurer for Association for Computing Machinery-Women August 2024 – May 2025
California State University, Fullerton Fullerton, California
- Managed all financial affairs and budgeting, as well as maintained the agency accounts for the organization
- Encouraged and supported 15 women pursuing a computer science major and hosted 15+ technical workshops

Upcoming Computer Science Supplemental Instruction Leader Expected August 2025
California State University, Fullerton Fullerton, California
- Will facilitate group sessions where students meet to improve their understanding of course materials in the class Computer Organization and Assembly Language