Esteban Escartin

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github.com/PillowGit

Education

California State University, Fullerton, BS in Computer Science   Aug 2021 – May 2025
- GPA: 3.45/4.0
- **Coursework:** Object Oriented Programming, Data Structures, Assembly, Compilers, Operating Systems, Databases, File Structures, Algorithm Engineering

Relevant Experience

Software Engineer Intern, Google – Canada, ON   May 2024 – Aug 2024
- Saved hours of engineer time by designing and implementing an automated calibration station for high-res cameras
- Improved calibration quality of critical test cameras calibrated with my station, cutting deviation down by 50%
- Implemented multiprocessing in a computationally intensive Python script, resulting in a 80% speed increase in this step in the factory production process

Club Vice President, Association for Computing Machinery – USA, CA   Aug 2024 – May 2025
- Led a Computer Science club of over 2,000 members, successfully organizing and hosting educational and recreational events and cultivating a supportive and productive community focused on member growth
- Delivered 12 in-depth workshops covering data structures, algorithms, and interview techniques in one semester
- Contributed to the organization of a large-scale student hackathon with 400+ applicants

Supplemental Instructor, California State University, Fullerton – USA, CA   Aug 2023 – May 2025
- Offered free supplemental lectures to students in need, effectively raising average student grades by 10%
- Offered supplemental teaching support for core courses including data structures and introductory topics

Projects

Roblox Group Rank   Oct 2022 - Current
- Developed a proprietary Discord bot to automate synchronization of Discord and Roblox user data for multiple clients
- Optimizes data handling for 160k+ users by seamlessly integrating with diverse client database environments
- Constantly provide ongoing support and updates to clients while adapting to their evolving needs
- Tools Used: JavaScript, NodeJS, Python, MongoDB, Google Sheets API, Firebase

Kanban Board/To-Do List   Jan 2024 - Project Repo
- Developed a full-stack to-do list application using SvelteKit, TypeScript, and Firebase
- Implemented robust user authentication and session management for secure data access
- Ensured data persistence and synchronization across devices using Firebase as a backend
- Tools Used: HTML, CSS, JavaScript, TypeScript, SvelteKit, Vercel

Additional Experience And Awards

ACM Algorithms Officer: Taught data structures, algorithms, and interview prep to a club of 2,000 members

ICPC: Represented CSUF in the 2023 International Collegiate Programming Contest

Fullyhacks 2024 Organizer: Led a Python workshop for new students at Fullyhacks 2024, and assisted with event coordination