GRANT WANG

(530)-760-6243 | grant.j.wang@gmail.com | Fremont, CA

TECHNICAL SKILLS

- Proficient in programming languages Python, Java, SQL, JavaScript, HTML, CSS, C++, C, R, Ocaml, Clisp, Verilog
- Profound knowledge of software frameworks, tools, and libraries including Node.js, React, Docker, MySQL, Google Cloud Platform, Linux, Git, pandas, PyTorch, MongoDB, GitHub, Gerrit
- Advanced critical thinking capabilities and collaborative expertise with strong conflict resolution skills.
- Excellent troubleshooter who excels in accountability, creativity, and bilingual communication (Mandarin: fluent)

EDUCATION

University of California, Los Angeles (UCLA)
Los Angeles, CA

Bachelor of Science in Computer Science — September 2020 – September 2023

Minor in Statistics and Data Science — GPA: 3.6

Relevant Coursework: Fundamentals of Artificial Intelligence | Introduction to Machine Learning | Data Management Systems | Software Construction | Introduction to Algorithms and Complexity |Data Science Fundamentals | Computer Systems Architecture | Operation System Principles | Software Engineering | Computer Network Fundamentals

Los Rios Community College
Sacramento, CA

Associate of Science in Mathematics (Sacramento City College) — August 2018 - June 2020

Associate of Science in Physics (American River College) — GPA: 4.0

ACADEMIC PROJECTS

Department of Computer Science, UCLA
Los Angeles, CA

Meal Selector Server - Class Group Project — March 2023 - June 2023

- Composed an interactable meal picking server that planed out three-meal courses to user by using C++ with multithread functionality, Google Cloud Platform, MySQL, and Docker, recognized by lecturer and students.
- Established backbone of project server by designing server API and HTTP handler that managed to parse configuration files and handle request and response messages helping the project pass all edge cases in examine.
- Performed code review, unit testing, monitoring server logging, and static analysis to ensure performance of project server so all errors were handled, and coverage rate of all tests maintained above 90%.

Department of Computer Science, UCLA
Los Angeles, CA

Student Course Organizer Website - Class Group Project — January 2021 - March 2021

- Collaborated with 5 students as front-end developer focused on developing and designing appearance of website with implementation of Node.js, React, HTML, CSS, and JavaScript that was deployed and used by students.
- Stood out as team leader who modularized tasks, distributed assignments to members, and ensured workflow of the project that objectives were accomplished days ahead of schedule and members had time to execute improvements.
- Organized team repository with Git version control system and Slack freeing up spaces and time for further enhancements, additional user account system, and extra user registration system to website.

Department of Computer Science, UCLA
Los Angeles, CA

Plinko Board Game - Class Group Project — May 2020 - June 2020

- Created Plinko board game allowing users to interact on webpage with features of collision simulation and physics animation in a group of 3 members that was published to students for months.
- Forged 3D models of game elements and scene on Blender and embedded into webpage with coordinates that built out appearance of the game and gained design endorsement from lecturers.
- Took initiative during challenging time and accomplished light rendering and shadowing with combination C library and JavaScript that concluded game design aesthetics and secured full score triumph during visual review.

LEADERSHIP & INVOLVEMENT

The Republic of China Army (Taiwanese Army)
October 2023 - March 2024

UCLA Taiwanese Student Association
Los Angeles, CA

Event Planning and coordinator — September 2020 - June 2023

- Created event blueprints and coordinated agenda which rejuvenated the organization from near suspension after pandemic to its peak from 30 members to over 150 active members within one year.
- Executed event hosting on designated dates while liaising with finance department for budgetary planning and equipment acquisition that recovered the organization from indebtedness to substantial surplus.