Saishnu Ramesh Kumar

Fresno, CA (Open to relocate) | (559) 349-2263 | saishnu2503@gmail.com | linkedin.com/in/saishnu25 | github.com/saishnu25

SKILLS

- C, C++, Java, OpenGL, HTML, CSS, React.js, MATLAB, Python, Haskell
- Multilingual: English, Malay, Tamil, Italian, French

EDUCATION

California State University, Fresno (Fresno State), Fresno, CA   Expected Dec 2023
Bachelor of Science, Computer Science

Taylor's University, Kuala Lumpur, Malaysia   Dec 2020
American Degree Transfer Program

Relevant Coursework:
Data Structures, Critical Thinking, Algorithms, Computer Graphics, Computer Security, Computer Organization, Problem Solving, Web Development, Game Development, Artificial Intelligence, Simulation

TECHNICAL PROJECT EXPERIENCES

Menu System, Introduction to Data Structures [Individual Project]
- Constructed a menu-based system using 750+ lines of code in **C++** similar to streaming platforms using data structures and linked lists.

Tesla Dealership, Computer Programming Java [Team Project]
- Coordinated a team of 5 peers to compile Java code to program a shopping website for Tesla vehicles offered up to the 2020 models including a purchase and receipt feature.
- Managed 5 independent functions integrations by debugging 15 code errors, resulting in 1,000+ lines of code working efficiently.

Memory Hierarchy Simulation Program, Intro. to Computer Organization [Individual Project]
- Created a **C++** memory tracing program consisting of data from the cache and main memory containing 200+ lines of code.

Algorithm Case Study, Algorithms and Data Structures [Team Project]
- Collaborated with 4 peers to create a case study on sorting algorithms and test efficiency using C++.
- Fine Tuned 500+ lines of code through debugging and compiling.
- Directed a video and prepared slides for our findings.

Skybox, Computer Graphics [Individual Project]
- Developed a skybox where users were able to move and observe models loaded within the skybox area through the use of **OpenGL, SOIL, C,** and **C++** that consisted of 550+ lines of code.

Personal Website [Individual Project]
- Established a personal website using **React.js, HTML,** and **CSS** with over 200+ lines of code.
- Published website via Github pages hosting service.

LEADERSHIP EXPERIENCE

Treasurer, Computer Science Club, Fresno State   Aug 2022 - Present
- Monitor a $600 club account and track expenses and fundraising efforts.
- Collaborated alongside the president for a donation of $1,000 from alumni for the hackathon event.
- Provide budget meetings at general club meetings.

Treasurer, Google Developer Student Club, Fresno State   Aug 2022 - Present
- Led grant funding application request for $500 from the student government to finance a hackathon event on campus.

AWARDS

Dean's List, Fresno State   Spring 2021
Academic All-Star Recognition, International Office, Fresno State   Spring 2021
Italian Studies Award, Fresno State   Summer 2022