

Technical Projects | Software Engineering Profiles

Enthusiastic and results-driven, pursuing graduation in a Bachelor's in Computer Science. Proficient in software development and eager to contribute technical expertise to dynamic projects.

Adept at problem-solving and quick to adapt to emerging technologies. Solid foundation in software engineering principles, coupled with a collaborative mindset honed through team projects. Passionate about delivering innovative solutions and committed to continuous learning in the ever-evolving tech landscape. Seeking a challenging role in Technical Projects or Software Engineering to apply and enhance skills.

Areas of Interest

- Project Management
- Code Development & Maintenance
- Problem Solving Skills
- Project Support
- Testing and Quality Assurance
- Time Management
- Collaboration & Communication
- Learning & Development
- Documentation

Internship

Unifynd Technologies, Mumbai, India
Software Development Intern

07/2023 – 08/2023

- Write and maintain high-quality code adhering to coding standards.
- Collaborate with team members to troubleshoot and debug code.
- Assist in version control and code repository management.
- Contribute to the planning and execution of software development projects.
- Assist in project documentation and reporting.
- Support project managers and team leads in meeting project milestones.
- Participate in testing activities, including unit testing and integration testing.
- Identify and report bugs or issues promptly.
- Work on improving software quality and performance.
- Communicate effectively with team members, providing updates and seeking feedback.
- Document code changes, processes, and configurations.
- Analyze and solve technical problems independently or with guidance.
- Propose creative and effective solutions to software development challenges.
- Prioritize tasks and manage time effectively to meet deadlines.
- Actively participate in team-building activities and contribute to a positive team culture.
- Uphold ethical standards and confidentiality in handling sensitive information.

Academic Projects

Java Object-Oriented Programming Course Project: Elevated the virtual world in our Java Object-Oriented Programming course by surpassing project expectations. Introduced six entities, exceeding the specified four, and innovatively integrated health parameters and touch-triggered transformations. Extended user interaction by allowing unlimited clicks, ensuring dynamic entity spawning and enhancing the overall user experience.

Intro to Computer Organization Course (LC-3 Assembly and C): Demonstrated proficiency in converting C programs to assembly language and crafting custom keyboard interrupt service routines in assembly language as part of assignments in the Intro to Computer Organization course.

Financial Indicators Research and Implementation Internship: Researched and implemented financial indicators for trading during an internship, utilizing SQL for data analysis and Python for a back testing project. Developed Python code to upload and organize CSV data entries into an SQL database, showcasing skills in pandas, NumPy, and SQL gained during the internship.

Intro to Computing Course Projects: In the Intro to Computing course, designed a football penalty shootout game using JavaScript on a p5.js editor for the final project. Additionally, produced a short, animated film excerpt from an anime for another project, incorporating features such as mouse clicks, realistic character portrayal using vertices, and expanding the project scope with multiple animations.

Education

BS in Computer Science, Pursuing
Cal Poly, San Luis Obispo

Academic Accolade

- Attained Dean's List recognition throughout the entirety of the freshman year, securing a coveted position on the President's Honors List.

Technical Skills

Python | SQL | TypeScript | JavaScript | Java | CSS | HTML | LC-3 Assembly | C