

Laxmi Giri

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EDUCATION

Rice University, Houston, TX

August 2021 - December 2024

- **Major:** B.S. in Computer Science **GPA:** 3.64/4.0
- **Relevant Coursework:** Program Design, Algorithms, Computer Systems, Concurrent Programming, Machine Learning
- **Organizations:** CSters, Society of Women Engineers, Rice Women's Resource Center, KTRU, McMurtry Committee Head

WORK EXPERIENCE

Goldman Sachs, Dallas, TX – *Engineering Summer Analyst*

June 2024 - August 2024

- Developed an interactive dashboard using Slang and SQL, which significantly improved data accessibility and reduced reporting costs.
- Implemented efficient data models and optimized database queries to enhance data retrieval speed and accuracy.
- Contributed to the Risk Engineering team by providing data solutions that supported critical business decisions, gaining valuable insights into data-driven risk management.

Rice University, Houston, TX – *Teaching Assistant, COMP 140*

August 2023 - May 2024

- Provided actionable feedback to 200+ students in course, enhancing their understanding of complex concepts.
- Led weekly office hours and review sessions, helping students with course strategies and problem-solving skills.

Chevron, Houston, TX – *Software Engineer Intern*

May 2023 - August 2023

- Developed a predictive analytics application that automated machine learning processes, contributing to improved decision-making efficiency.
- Participated in team planning for program increments, aligning development efforts with strategic objectives.

HCSS, Houston, TX – *Software Development Intern*

June 2022 - January 2023

- Engineered and deployed 15+ features in Swift for the myField iOS application, improving functionality and UX.
- Worked closely with engineers and business teams to prioritize tasks and ensure alignment with project goals.
- Actively engaged in cross-functional agile team activities with sprint planning, daily standups, and retrospectives.

Real-Time Systems Lab, Houston, TX – *Research Intern*

May 2020 - January 2022

- Created instructional videos demonstrating terminal processes such as domain creation and volume management, facilitating better understanding of technical workflows.
- Collaborated on a COVID-19 tracking application using Python, implementing real-time scheduling techniques to process public health data effectively.

PROJECTS

SLB EV: Find, Rate & Review Electric Vehicle Chargers, Web Application

- Developed end-to-end implementation of rating and review feature, utilized NREL APIs, and designed database.
- Worked with a team of 20+ engineers on a full-stack electric vehicle charging web app using C++, HTML, CSS, JavaScript, and React and deployed with Azure.
- Met with SLB stakeholders regularly to discuss feedback on overall project design and user experience.

Ping: Messaging App, Web Application

- Designed and implemented a full-stack web app with a messaging database using Go and a REST API service for communication. Engineered app to handle messages efficiently, optimizing performance and reliability.
- Developed frontend and backend features using HTML, CSS, TypeScript, and C++.

Falcon Finder: Mobile Wayfinding App, Mobile Application

- Designed a pathfinding iOS app in Swift that displays maps and creates optimized routes in school buildings.

SKILLS

Languages & Frameworks: Java, Python, C++, C, Swift, Go, JavaScript, TypeScript, HTML, CSS, React, SQL

Tools & Platforms: Git, Azure, Linux, Agile methodologies, API Development (REST)