

Srilokh Karuturi

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Education

The University of Texas at Dallas | B.S Computer Science

Graduation: December 2023

Coursework: Computer Networks, Database Systems, Software Engineering, Operating Systems

Experience

IBM

Machine Learning Engineer Intern | Austin, TX

May 2023 – August 2023

- Develop recommendation systems leveraging AI and NLP to preemptively direct tailored solutions upon client engagement
- Demonstrate technical eminence in AI/ML by effectively communicating complex ML systems to non-technical stakeholders
- Integrate generative AI for solution brief tailoring for addressing clients' distinct demands

Software Engineer Co-op | Dallas, TX

May 2022 – May 2023

- Engineer and showcase cutting-edge solutions in 5G, Machine Learning, Edge Computing and Hybrid Cloud to high-profile clients such as T-Mobile, Verizon, and Samsung
- Develop infrastructure support applications that identified compliance discrepancies, dramatically accelerating throughput by 300% compared to manual methods
- Optimize Machine Learning churn pipelines with automated debias model creation, improving refinement time by 34%

BlockTrace

August 2021 – August 2022

Software Engineering Consultant | Dallas, TX

- Sole developer of a production application responsible for "Multi Blockchain High Volume Address Watching" instrumented with Next.js, Confidential API's, BE Python Scripts. (Utilized by IRS)
- Demonstrate distinguished presentation and public speaking skills with code reviews, weekly standups, and client demonstrations

Software Engineering Intern | Austin, TX

- Spearheaded development of an internal Bitcoin network analysis tool utilizing deployment of 2+ Bitcoin Nodes
- Built Python tooling for Blockchain Forensic and Analytical Services allowing for data fetching, data cleaning, and clear interpretation for data-driven decisions

Projects

Microsoft Decentralized Verifiable Credentials | Azure Active Directory, .Net

- Reached out by a Microsoft Senior Product Manager for exemplary performance
- Created an implementation of Decentralized Verifiable Credentials within University's authentication

Blackboard Microservice | Golang

- Enabling UTD students access to the Blackboard API through a middleware solution

GitLog | TypeScript, Next.js, React, GCP, OAuth

- Full Stack App designed to simplify tracking libraries, languages and technologies used for Software Applications

Skills

Languages: Python | JavaScript/TypeScript | Java | R | Golang | Bash | SQL

Frameworks: Kubernetes/OpenShift | Next.js(React) | PyTorch | TensorFlow

Technologies: Docker | Linux | IBM Maximo Suite | Ansible | GitLab | Node.js | Postgres | MongoDB