Eshan Kelkar

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Education

Texas A&M, College Station, Texas, USA
Master of Science in Computer Science (2025-2027)
Second semester GPA : **4.0/4.0** TOEFL : **116/120** GRE : **334/340**

Indian Institute of Information Technology (IIIT), Bhopal, India
Bachelor of Technology in Computer Science & Engineering (2021-2025)
CGPA : **9.78/10** (Silver Medalist)

Skills

Machine Learning, C (Multi Threading, Forking, Piping, MySQL API, Network and System Programming), C++, Ruby, Python, Git, MySQL, MongoDB, HTML5 Canvas programming, Bash Scripting, Gnuplot and Octave.

Open Source Contributions

- Code contributed to: libssh, curl, cmocka, flashrom, jenkinsci (trilead-ssh2)
- Code reviewed for: libssh, OpenSSH, ansible (pylibssh)
- URL: https://galorithm.com/openSourceMR

Experience

Amazon, Software Development Engineer Intern **Jun 2026 - Aug 2026**
- Developed an on-call AI agent that resolves audio subsystem crashes affecting Amazon Echo devices.

Google Summer Of Code 2025, libssh mentor **May 2025 to Sep 2025**
- Adding support for FIDO/U2F keys on the client side.

Highspot, Software development Intern **Jan 2025 to Jun 2025**
- Developed skill based course recommendation system.
- Developed a meeting intelligence bot that records meeting audio, video and transcripts in real time.

GoQuant, C++ back end engineering intern. **Dec 2024 to Jan 2025**
- Added support for Bitfinex gateway in GoQuant's order management system.

Google Summer Of Code 2024, libssh mentor **May 2024 to Sep 2024**
- Mentored a project to enhance support for OpenSSH format certificates in libssh.
- URL : https://galorithm.com/gsoc2024

Google Summer Of Code 2023, libssh contributor **May 2023 to Sep 2023**
- Created low level asynchronous remote file I/O API
- Created high level file transfer API which supports uploads, downloads and remote copies.
- URL : https://galorithm.com/gsoc2023

Side Projects

libgml: Galo Machine Learning Library, URL : https://galorithm.com/GML
- A machine learning library written entirely in C, having zero external dependencies.
- Supports fully connected neural networks, linear regression, logistic regression, matrix/vector operations and much more...

File Transfer Utility, URL : https://galorithm.com/FileTransferUtility
- Client-Server utilities written in C for remote file management and file transfers.
- Supports commands like upload, download, mkdir, ls, cp, mv, rm etc.

Algorithms & Data Structures Visualization Tool, URL : https://galorithm.com/Algorithms
- An HTML5 Canvas based web application which uses dynamic animation frame generation for visualizing various data structures and algorithms.