Lavneet Hora

832-418-0086 | 31lavneet@gmail.com | linkedin.com/in/lavneethora | github.com/lavneethora

Education

Texas Tech University **Expected Graduation: May 2027**

Bachelor of Science in Computer Science (Honors), Minors in Math and Bioengineering *GPA: 3.94*

- Awards: 4x President's Honor List, IEEE Computer Society Career Catalyst Scholar, Gulf Coast Consortia Fellow
- Leadership & Activities: Officer @ Google Developers Group, Hacker Experience Lead @ HackWesTX 2025

Experience

Databricks **September 2026 – Present**

Open Source Contributor, Omnigent *Remote*

- Merged 5 PRs into Omnigent, Databricks' open-source agent harness, ranking top 60 of 309 contributors.
- Increased upload limits to 50 MB per file and 200 MB per session by storing 7 new formats for Claude Code and Codex.
- Patched a credential leak where repository URLs with embedded tokens were saved into session labels and pod specs.
- Fixed a composer that refused .tsv uploads the server accepts, and the one-directional parity test that let it drift.

Harvey **September 2026 – Present**

Open Source Contributor, Harvey LAB *Remote*

- Merged 9 PRs into Harvey's open-source Legal Agent Benchmark, ranking top 4 of 27 contributors.
- Stopped the grader from scoring unreadable deliverables as agent work, replacing wrong verdicts with explicit errors.
- Fixed empty Gemini 3.x benchmark runs by sending the temperature Google requires across the agent and judge paths.
- Eliminated dashboard crashes and a 12x cost misreport by registering 7 models that had no pricing metadata.

UTHealth Houston, BIG-TCR Program **June 2026 – August 2026**

Software Engineering Intern - Research *Houston, TX*

- Built an R/Seurat pipeline that scores neural-pathway activity in 900,000+ cells across 7 cancer datasets.
- Linked neural activity to immune infiltration and tumor burden, then extended it to 3 spatial tissue datasets.
- Used RCTD cell-type deconvolution and custom image registration to map the activity onto tumor tissue.

Texas Tech University, Dept. of Electrical and Computer Engineering **May 2025 – October 2025**

Undergraduate Research Assistant *Lubbock, TX*

- Quantified movement patterns across 17 mice by computing Hurst Exponents (DFA) from actigraphy data in MATLAB.
- Built a filtering step to handle missing data and find valid days across all subjects with a 90% threshold.
- Ran DFA on 1,887 patients by batching 24-hour segments through MATLAB workers, yielding 7,540 Hurst Values.

iMocha **July 2025 – August 2025**

Software Engineering Intern - GenAI *Remote*

- Built an automated issue-resolution pipeline using Python and n8n with Gemini API to summarize candidate feedback, pull out key issues, and generate structured QA reports for 500+ monthly assessments.
- Cut QA triage time from 12 to 3 minutes per report, replacing manual review of 1,000+ feedback entries.

Projects

Nudge | *TypeScript, Next.js, Gmail API, Claude API, Telnyx, OAuth* **Website**

- Built an SMS-based service that scans Gmail for free-trial signups and texts users before they get charged.
- Used Claude to pull trial details out of emails and built a cancel-link database for 98 services, delivering texts via Telnyx.
- Blocked phishing/prompt-injection attacks by sanitizing model output, rejecting injected links and spoofed vendors.

Ceremoni | *Python, FastAPI, PostgreSQL, OpenAI GPT-Audio, Azure TTS, Microsoft Graph, Docker* **Code**

- Built an AI system that extracts phonetics from a student's recording with GPT-Audio and voices it with Azure TTS.
- Reshaped the MVP around Texas Tech Honors College's requirements for their Fall 2026 medallion ceremony.
- Cut wrong pronunciations by reading each recording 3 times across 2 audio models, taking the most common.

RaiderRating | *TypeScript, React, Plasmo, Express, Node.js, Python, Railway* **Chrome Extension**

- Built a Chrome extension (800+ users) that injects RMP ratings and grade distribution into TTU's Schedule Builder.
- Used Playwright to scrape 5,000+ grade records and built an Express API with in-memory caching to serve them.

Technical Skills

Languages: Python, Java, C++, C, SQL, MATLAB, JavaScript, TypeScript, R
Frameworks & Libraries: React, PyTorch, OpenCV, TensorFlow, Next.js, Node.js, FastAPI, Pandas, NumPy, Qiskit
Tools & Platforms: Git, Docker, Firebase, Supabase, AWS, Google Cloud