

# Roman Hauksson-Neill

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## EDUCATION

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### The University of Texas at Dallas

Dallas, TX

*B.S. in Computer Science*

*May 2026*

- National Merit Scholar; officer for Cybersecurity Club and Open Source Software Club
- Officer for Philosophy Club: delivered talks on Effective Altruism, Longtermism, philosophy of well-being, and metaethics

## WORK EXPERIENCE

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### Founding Engineer

Aug 2024 — Present

Baby Steps

*Portland, OR (Hybrid)*

- Building [web app](#) to help prospective parents decide between IVF clinics using success rate prediction models, for a 3-person startup backed by Astral Codex Ten Grants and a private investor
- Taking full ownership of the stack: running user interviews, building the product, designing our data model, and configuring CI/CD to deploy our machine learning models and connect them to the web app
- React (Next.js), PostgreSQL (Supabase), TypeScript, Python, Modal, Vercel

### Software Engineering Intern

Jun 2023 — Aug 2023

Capital One

*McLean, VA (Hybrid)*

- Built a Chrome extension surfacing author info for internal documentation (React, TypeScript, Figma)
- Identified slow Webpack build as a workflow bottleneck and migrated project to Vite, cutting rebuild times by 5×

### Software Engineering Intern

Jun 2022 — Aug 2022

Joint Special Operations Command

*Remote*

## RESEARCH EXPERIENCE

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### Research Assistant

Dec 2023 — Aug 2024

Dioptra

*Remote*

- Helped build [GameBench](#), an LLM benchmark for strategic reasoning, and presented it at NeurIPS 2024
- Implemented benchmark task (Python), led literature review, designed rating aggregation method, ran factor analysis
- Researched the Wassenaar Arrangement as inspiration for an international AI regulation framework

### Research Assistant → Team Lead → Director

Sep 2021 — Dec 2022

ACM UTD Research Program

*Dallas, TX*

- Directed UTD's flagship undergraduate research program with 15% admission rate; managed 4 teams of 6 students each and hosted poster presentation event for 50+ attendees
- [Fine-tuned GPT-3](#) to generate targeted password guesses, achieving 3× higher accuracy than baseline; won poster presentation contest against 5 other teams; invited to present at [Hackers on Planet Earth conference](#) in New York City

## COMPETITIONS

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### HackRice 2025: Warp challenge 1st place, TwelveLabs challenge 2nd place

Sep 2025

### Manifold Markets post-EAG hackathon: 3rd place

Mar 2023

- Built the market depth chart feature and worked with the Manifold team to push to production the next day

### TexSAW 2022 Capture the Flag competition: 1st place

Apr 2022

### HackUTD VIII: Project Nebula challenge 1st place

Nov 2021

## MISCELLANEOUS

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### Academic project page template

Jul 2024 — Present

- Built and maintained [website template and component library](#) for interactive research demos (Astro, React, TypeScript)
- ~500 GitHub stars; adopted by teams at >200 labs, including MIT CSAIL, NVIDIA, ByteDance Seed, Zhipu AI

### Program on AI and Reasoning (Cambridge, UK)

Aug 2023

- 10-day camp on AI and cognition for mathematically talented students, 2.5% acceptance rate