

ROMAN HAUSSON

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EDUCATION

University of Texas at Dallas

Dallas, TX

B.S. in Computer Science

Aug 2021 – May 2026 (Expected)

- National Merit Scholar; officer for Cybersecurity Group, Open Source Software Club, Philosophy Club

WORK EXPERIENCE

Baby Steps

Portland, OR (Hybrid)

Founding Engineer

Aug 2024 – Current

- Building web app to help users compare IVF clinics using a success rate prediction model, for startup with 3-person team. Backed by Astral Codex Ten Grants and a private investor.
- Supabase, Neon (PostgreSQL), Next.js, Typescript, Tailwind CSS, Figma, GitHub

Capital One

McLean, VA (Hybrid)

Software Engineering Intern

Jun 2023 – Aug 2023

- Built React Chrome extension; completed 4-work course on technologies including Go, Linux, and AWS

Joint Special Operations Command

Remote

Software Engineering Intern

Jun 2022 – Aug 2022

- Wrote Python wrapper interface for internal Node API; improved React frontend

RESEARCH EXPERIENCE

Dioptra

Remote

Research Assistant

Dec 2023 – Aug 2024

- Helped build GameBench, an LLM benchmark in Python to test strategic reasoning ability
- Coded benchmark task, led literature review, ran factor analysis, and helped present at the Language Gamification Workshop at NeurIPS 2024

ACM UTD Research Program

Dallas, TX

Director

May 2022 – Dec 2022

- Youngest director of semester-long undergraduate research program with 15% admission rate
- Managed 4 teams of 6 students each; hosted poster presentation event for 50+ attendees

Team Lead

Dec 2021 – Apr 2022

- Fine-tuned GPT-3 to generate targeted password guesses, achieved 3+ times higher accuracy than baseline, won poster presentation contest versus 5 other teams, amassed 70 stars on GitHub
- Presented at the Hackers on Planet Earth conference in NYC to audience of 20+

Research Assistant

Sep 2021 – Nov 2021

- Trained LSTM model with team of 4, won poster presentation contest versus 5 other teams

PROJECTS

Machine learning project page Astro template [🔗](#) 380+ GitHub stars, used by 40+ live projects

Manifold Markets depth chart feature [🔗](#) React component to visualize prediction market depth, won 3rd place in hackathon, pushed to production on site with 800+ daily active users

MF FOOM [🔗](#) Fine-tuned GPT-3 to generate song lyrics (Python)

PROFESSIONAL DEVELOPMENT

Program on AI and Reasoning Cambridge, UK

Aug 2023

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

CodePath Cybersecurity Course Remote

Jan 2022 – Apr 2022