Daniel McCann-Sayles 🔗 danielmccannsayles.github.io
Software Engineer

Summary

Seeking multi-functional position improving the world w/ *safe AI-assisted research*. 2 years of *work experience* as FE Engineer (TS/JS), burgeoning experience w/ Python/ML. **Passionate, Collaborative, Innovative.**

Work Experience

Cisco, *Software Engineer* — *Jul 2023 - Present*

Frontend Developer
- Developed modern, high-performance Angular applications, leveraging RxJS, NgRx, Signals, Cypress, Jest
- Took initiative to explore AI/LLM applications, contributing to hackathon-winning project on AI use cases
- Researched, presented, maintained, and enforced best practices across frontend projects
- Collaborated with team and cross-functional teams, mentoring, sharing knowledge, fostering relationships

Cisco, *Software Engineer Intern* — *Jun 2022 - Sep 2022*

Three main projects:
- Formed team of interns to improve sentiment analysis project (HF) - improved accuracy from 65 to 94%
- Built test harnesses for shared Angular components to improve robustness
- Created Electron app to pull data from Mixpanel, visualize w/ D3.js, and generate ppts w/ C# and OpenXML

Projects

Kid-fight game — *Oct-Nov 2024*
- Used sockets, pygame, LLM calling to make a creative multiplayer game that uses LLMs for arbitration

LLM Chaining Exploration — *Oct 2024*
- Took apart existing research paper, explored patterns for chaining LLM calls to improve performance
- Converted python code to async, explored logging methods for LLM chains, got familiar w/ openAIs apis

Cisco LLM Generation, *Data Science* — *Aug 2024*
- Worked on a project doing data science to improve an internal LLM email generation process at Cisco
- Built helper visualization methods, multiple notebooks, experimented with cleaning e.g. LLM, vector sim.

LLM Verbal Assistant — *Jul 2024*
- Created a note-taking assistant w/ an iOS app and Node server that transcribes and responds verbally

Cisco Hackathon, *AI Use Cases* — *May 2024*
- Team won first place in an internal Cisco hackathon. I built a simple LLM + RAG system w/ Streamlit & FAISS

Passage, *L.I.F.E* — *Sep 2021 - Jun 2022*
- Created app (Flutter) with Bluetooth sync, persistent data storage, learning content, for kids in LATAM

Inrix Hackathon — *Nov 2021*
- Created a website (React) comparing public/private transportation - team placed top 7/122 participants

Education & Technical Skills

Santa Clara University, *B.S. General Engineering,* *Design thinking* — *Mar 2023*

Languages: Python, JavaScript, Typescript

Software/Frameworks: pd, np, any.io, openAI, Angular, Cypress, Jest, React, Svelte, Figma

Contact ✉ 🔗
danielmccannsayles@gmail.com
linkedin.com/in/daniel-mccann-sayles