Evan Hekman

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EXPERIENCE

Gentex   June 2024 - Present
Software Intern (Manufacturing Systems Team)   Zeeland, MI

- Improved internal logistics applications which are **used daily by thousands of Gentex employees**.
- Collaborated cross-functionally with Business Analysts and Industrial Engineers to **assess user needs, plan modifications to software systems, and optimize user efficiency**.
- Tech stack: C#, TypeScript, REST APIs, SQL, Docker, Kubernetes, MatBlazor, and Oracle Cloud SDK.

Gentex   Summer 2023
Software Intern (Manufacturing Systems Team)   Zeeland, MI

- **Optimized account maintenance** of internal users and automated clean up of expired accounts, eliminating a manual business analyst task, improving email delivery, and reducing risk of account deletion errors.
- **Analyzed data** to identify the root cause of production downtime, quantify business impact, and drive improvements.

Chick-fil-A   Summer 2021, Summer 2022
Front-of-House Team Member   Holland, MI

- Took orders, organized supplies, delivered food, resolved customer disputes, and helped provide guests with the best possible experience, allowing the restaurant to be ranked in the **top 5% of Chick-fil-As worldwide**.
- Selected for an **8-week leadership course** taught by the owner of the restaurant; supervised new employee training.
- Learned to communicate clearly and empathetically in tenuous situations.

EXTRACURRICULAR

Software Director at the Michigan Aeronautical Space Administration (MASA)

- Oversaw software operations during a **2-week hotfire campaign** in the Mojave desert.
- Supervised software operations during a **130 hour coldflow campaign** of our ground support system.
- Wrote and tested Python autosequence used to **pressurize COPVs up to 3700psi semi-autonomously.**
- Wrote and tested Python autosequence used to **control system leading up to and during ignition/burn**.
- Spearheaded development of **safe, reliable, and effective abort cases**.
- Prototyped software required for **dynamic tank pressure control of RP-1 and LOX systems**.

Michigan AI Safety Initiative (MAISI)

- Engaged in biweekly discussions about **AI safety in relation to current models**.
- Completed **Alignment 101**: reward hacking, utility functions, interpretability, transformers, LLMs.
- Completed **Alignment 201**: misgeneralization, adversarial testing, reinforcement learning, and agents.
- **Red teamed** state of the art large language models to test for copyright infringement, discimination, and PII leakage.

EDUCATION

University of Michigan - 3.7 GPA   2023 - Present
Bachelor of Science in Engineering in Computer Science   Ann Arbor, Michigan

Relevant Coursework:
EECS281 (Data Structures and Algorithms), EECS376 (Foundations of Computer Science), MATH214 (Linear Algebra), EECS203 (Discrete Math), EECS280 (Programming and Intro Data Structures)

SKILLS

Languages: Python, C++, C#, TypeScript/JavaScript, HTML/CSS, SQL, Bash/Zsh
Tools: Github, GitKraken, Docker, Notion, Azure DevOps, MacOS, WindowsOS, Synnax, Kubernetes, MatBlazor