Chris Farber

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Objective

To expand my experience in the fields of web development and machine learning.

Experience

National Transportation Consultants - *Intern*   *June 2023 - Present*
- Implementing AI to classify and extract data from various documents that the company keeps track of for clients.
- Working with software development team to integrate this into the company's website.

Primary Record - *Intern*   *June 2022 - August 2022*
- Developed a web application to detect and categorize text from an uploaded photo of a prescription label.
- This will be integrated into the company's official application, which allows users to keep track of their medications.

Projects

Lightning and Wildfires
- Machine learning project that analyzes satellite imagery to predict whether or not a fire will be started by a lightning strike.
- This is a group project with the ML@Purdue club and a research project under Professor Yuan Wang.
- Currently leading the machine learning team, where we are learning how to use PyTorch to create a model.

Incentiva
- Task manager website with built in AI that assesses what type of task makes you the happiest.
- Integrated features such as a Pomodoro timer and a rich text editor for note-taking with OCR capabilities.
- Won the Congressional App Challenge and was a finalist in the Community AI Fair Hackathon.

GPT2 Quote Generation
- Python application that web scrapes quote data and generates quotes similar to the inputs.

Technologies

- Python, Java, C, React JS, Node JS, Google Cloud Platform, Azure AI

Education

Purdue University   *August 2022 - Present*
- *Degree:* B.S., Computer Science, *GPA*: 3.92
- *Relevant Coursework*: Java Programming, Linear Algebra, C Programming, Statistics

HSE High School   *August 2018 - May 2022*
- *Class Rank*: 5/823, *GPA (W)*: 4.694

Activities and Leadership

Purdue   *August 2022-Present*
- ML@Purdue, Purdue Hackers, Philharmonic Orchestra

Indiana Hax - *Founder and Lead Organizer*   *August 2021- January 2022*
- Organized a sponsored hackathon in January 2022 for high school students.

Computer Science Honor Society - *President*   *August 2021- May 2022*
- Arranged and volunteered for computer science service events.
- Organized meetings for the society

HSE Apps - *Co-Founder and President*   *August 2020 - May 2022*
- Taught people at my school how to develop websites with technologies such as HTML and React JS
- Collaborated on open-source projects that students and teachers used.