Christopher Farber

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Experience

National Transportation Consultants - *Intern*   *Fishers, IN, June 2023 - August 2023*
- Worked with CEO to develop AI model to expedite processing of client data.
- Coordinated with software development team to integrate model into the company's operations.

Primary Record - *Intern*   *Fishers, IN, June 2022 - August 2022*
- Worked with company founders to develop an AI web app to detect and categorize text on prescription labels.
- Used as a feature in the company's main app.

Projects

Computing Environmental Adaptation and Navigation in Island Communities   *January 2024 - May 2024*
- Research project under Dr. Katie Jarriel at Purdue University
- Developing quantitative computer models of archaeological and paleoclimate data
- Results to be presented at a research conference in Hawaii during May 2024

Analysis of Online HPV Vaccine Hesitancy   *September 2023 - Present*
- Research project under Dr. Soo Jung Jo at Purdue University and Dr. Min Sook Park at UWM
- Using Python to collect data via Reddit's API from HPV-related subreddits

Boilerexams   *September 2023 - Present*
- Student-ran website that provides a platform which over 4000 Purdue students use to study for their exams
- Part of the frontend website development team
- Implemented the "Resources" page, which provides a list of helpful resources for a given course

Lightning and Wildfires   *August 2022 - May 2023*
- Machine learning project that analyzes satellite imagery to predict whether a lightning strike will cause a fire.
- This is a group project with the ML@Purdue club
- Leader of the machine learning team, using PyTorch to create a machine learning model.

Incentiva   *March 2021 - September 2021*
- 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.

Technologies

Languages
- Python, Java, C, C++, JavaScript, TypeScript

Machine Learning
- Tensorflow, PyTorch, Scikit-Learn, NumPy, Pandas

Website Development
- React JS, Next JS, Tailwind CSS, MongoDB

Platforms
- Google Cloud Platform, Azure

Education

Purdue University   *August 2022 - Present*
- *Degree Candidate:* B.S., Computer Science (expected Spring 2026), *GPA*: 3.93
- *Relevant Coursework*: Java Programming, Linear Algebra, C Programming, Statistics, Data Structures & Algorithms, Computer Architecture