



Objective

To obtain an internship as a software developer. Looking to work more with machine learning and data science, in particular.

Experience

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 SIGAI club at Purdue.
- Created a framework to preprocess the satellite data, allowing other group members to get a head start on analysis.
- Currently leading the machine learning team, where we are learning how to use PyTorch to create a model.

Brain Computer Interface Application

- Application that analyzes EEG waves from the brain to predict whether a user wants to pause or play a video.
- This is a group project with the Neurotech Society club at Purdue.
- Currently developing a model that accurately assesses a user's intentions based off their brain wave data.

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, React JS, Node JS, Google Cloud Platform

Education

HSE High School

August 2018 - May 2022

- Class Rank: 5/823, GPA (W): 4.694

Purdue University

August 2022 - Present

- Degree: B.S., Computer Science, GPA: 4.00
- Relevant Coursework: Java Programming, Linear Algebra, C Programming, Statistics

Activities and Leadership

Purdue

August 2022-Present

- SIGAI, Neurotech Society, 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.