Brian Meder

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Education

UNIVERSITY OF SCRANTON   Scranton, PA
BS in Computer Science, Magna Cum Laude, GPA: 3.81/4.0   May 2025

MADISON HIGH SCHOOL   Madison, NJ
High School Diploma, High Honors   June 2021

Academic Achievement

Member, Upsilon Pi Epsilon**,** *Global Collegiate Honor Society*   April 2024
International honor society for high-achieving individuals in the computing and information disciplines.

Technical Skills & Projects

Programming: JavaScript, Python, Java, C, SQL, PostgreSQL
Related Frameworks, Libraries, Technologies: React, Node, Flask, Firebase, Socket.io, Tensorflow, Git, Github

CS 490 Final Project | Repository | Video Presentation
Created a browser-based party game with React frontend and Node backend that synchronizes multiple users into lobbies to play an AI image guessing game. Allows users to create accounts by logging in with Google, saving their highscores and other pertinent data to a database through Google Firebase implementation. The project heavily utilizes socket programming through the Socket.io library. Inspired by Kahoot and JackBox.tv games.

Portfolio Webpage | brianmeder.github.io | Video of Weather App
Created a personalized web page utilizing the HTML, CSS, JavaScript stack to showcase some small projects I have created. These other small projects include a weather app and a matching game. It also hosts my resume and contains an "about me" page.

Financial Sentiment Analyzer at **VIEWTRADE | Video of User Interface**
Aided in the development of a Tensorflow machine learning model that scanned and analyzed the sentiment of a financial article regarding a stock returned by a web crawler. Created a developer UI portal using React for the frontend and Flask for the backend written in Python.

Relevant Experience

VIEWTRADE   Jersey City, NJ
Software Engineering Intern   June - August 2024
Aided in development of financial sentiment analysis AI model built in Python using Tensorflow. Built a React web page UI for developers to interact with the model.

YMCA   Madison, NJ
Information Technology Intern   June - August 2023
Completed an internship with the IT department at the YMCA, worked with Microsoft Azure, Defender, 365, Active Directory, worked with Fortinet and Abnormal Security software. Aided in maintenance of on-site server room and provision of tech support.

GLOBAL TECH EXPERIENCE   Jersey City, NJ
Web Development Program Enrollee   June - August 2024
Took courses weekly before receiving certification of literacy in HTML, CSS, Javascript, & Bootstrap under Google employee supervision.