Siliang Lihuang

✉ seanli0426@gmail.com 📞 3473995336 📍 3333 Forbes Ave #1217, Pittsbugh, PA15213

○ https://github.com/siliang0426   in https://www.linkedin.com/in/siliang-lihuang-58572a231/

Education

Computer Science, B.S., *University of Pittsburgh*   08/2020 – 04/2024
Accomplished Coursework: Software Engineering, Discrete Structures for Computer
Science, Machine Learning, Deep Learning, Natural Language Processing, Computer
Organization & Assembly Language, Intro to Systems Software, Algorithms Data
Structures 2, Formal Methods in Computer Science, Web development

Projects

Daily-Tasks-Assistant, *https://github.com/Three-Devs-One-App/Daily-Tasks-Assistant* ⧉
- The project was Implemented for the purpose of organizing the daily task by prioritizing the importance of the task.
- The library that was used for the **front end** is **React.js** for **flexibility and reusability**, and the **back end** is **Flask** as the application framework, we also use **Docker** as our container, and lastly **Mongo DB** as our **database**.
- This project is developing by all three full-stack software engineers using Agile Scrum methodology.

Doc2Doc end Communication(PITT HACKATHON), *https://github.com/siliang0426/UncleRogerCommunication* ⧉
- Utilized **machine learning** and AI to facilitate Doctor-to-Doctor communication, addressing the need for expert consultations in the medical field.
- Employed a two-part **AI model** using **OpenAI GPT**; the first part summarizes medical reports using **pre-processed hospital database information**, with provided patient care suggestions.
- Tech Stack: **Flask** for the web framework, **OpenAI API** for machine learning, **MongoDB** for database management, **Docker** for containerization, and **HTML** and **AJAX** for front-end development.

Professional Experience

Full Stack Developer/Backend Developer, *Greetings*   09/2023 – present
                                                                                               Pittsburgh, United States
- Developed **Django** backend authentication and user interaction API.
- Engineered and integrated models with **MongoDB** databases.
- Utilized **AWS** for efficient web application deployment.
- Collaborated with **Next.js** frontend team in designing and implementing backend user APIs.

Bulba Tasker(AI Trainer), *Remotasks*   09/2023 – present
                                                                                                              Remote
- **Prompting** to adjust the **model's behavior** and examine other attempter's prompting.
- Training AI model prompt as Bulba tasker Production stage which uses **Crowd Compute**
- Analyze the **prompt** output and provide feedback on the generated code through Google's data compute

Skills

Languages:
Java, C/C++, JavaScript, Python, MIPS, R

Tech-Stacks
Flask, React.js, Java Spring, SQLite, MongoDB, HTML, CSS