Matthew Chiccino

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Education

Boston University **Boston, MA**

BS, Computer Science, Minor in Economics *Cumulative GPA: 3.65*

- Relevant Coursework: Introduction to Computer Science & Object-Oriented Programming (CS111), Data Structures & Algorithms (CS112), Discrete Mathematics (CS131), Calculus I (MA123)
- Currently Enrolled: Computer Systems (CS210), Linear Algebra (CS132), MacroEconomics (EC101)

Experience

GIDR.ai **Rochester, NY**

Software Engineer Intern *May 2024-August 2024*

- Worked full time with a small team of senior engineers to develop enterprise level AI infrastructure.
- Created four self correcting evaluators measuring accuracy, groundedness, real-time latency, and more, which were critical for strategic decision-making in the development of services and systems.
- Researched and implemented optimal prompting strategies to revise all hard-coded prompts
- Conducted extensive experiments with various services, assisting with major decisions for the company
- Engaged in startup culture, participated in product and service discussions, attended daily stand-ups, and gained experience with agile methodology and various software engineering platforms and services.

College of Arts and Sciences IT **Boston, MA**

Information Technology Desktop Assistant *September 2023-Present*

- Provide technical support for staff at the CAS IT office, assisting various computer related issues.
- Support both Windows and Mac OS, as well as various printers, projectors, and other technologies.

HackHarvard (Hackathon) **Cambridge, MA**

Easy-PT *October-2024*

- Worked on a small team to develop a physical therapy web application through pose estimation.
- Implemented a vector database to store movement data from live pose estimation, and computed real time accuracy scores for prescribed exercises in real time.

Projects

Resume Review

- Developed a full stack web application which inputs resumes from the user, processes and provides a list of custom critiques which users can select to generate an improved PDF document with the changes.
- ***Frontend***: ReactJS, HTML, CSS, and Axios for an interface for uploading and managing documents
- ***Backend:*** Python, Flask server, CORS, and Langchain for LLM configuration. Various python libraries for PDF manipulation.

Text-Similarity Judge

- Uses a Markov Model to understand, and correctly categorize samples based on text pattern similarity searches

Skills, Interests, etc

Languages: Python, Java, C, HTML, CSS

AI: LLMs, Fine tuning, Langchain, Langsmith, Prompt Engineering, Vetor Databases

Related: Google Cloud Services, Git, Github, Visual Studio Code, FastAPI, Swagger, Postman

Website: *matthewchiccino.github.io/Personal-Website/home.html*