Matthew Chiccino

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Education

Boston University **Boston, MA**

BS, Computer Science, Minor in Business Administration *Cumulative GPA: 3.65*

- Second-year undergraduate student, expected to graduate in May 2027
- Dean's List, Honor award recipient
- Relevant CourseWork: CS111 Intro to CS & OOP, CS112 Data Structures and Algorithms, CS210 Computer Systems, CS131 Discrete Math, CS132 Linear Algebra

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.
- Took the role of 'Prompt Engineer,' researching and implementing optimal prompting strategies to revise all hard-coded prompts across all services.
- 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-May 2024 (cont.)*

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

Projects

Resume Review

Developed a full stack web application which inputs resume documents 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***: Combines ReactJS, HTML, CSS, and Axios API to create an interface for uploading and managing documents, with real-time communication with the backend for data handling.
- ***Backend:*** Flask and cors api for secure API endpoints and processing
- ***AI layer:*** Langchain for LLM processing and Brev for custom fine tuning

Text-Similarity Judge

Uses a Markov Model to understand two bodies of text, and can correctly categorize samples based on text pattern similarity searches

Skills & Interests

Languages: Python, Java, C, Nodejs
AI: LLMs, Fine tuning, Langchain, Langsmith, Prompt Engineering
API: FastAPI, Swagger, Postman
Related: Google Cloud Services, Git, Github, Visual Studio Code, linux
Motives: Technology/AI integration, cryptocurrency, strategic development planning, Sustainable technology