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: 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)

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-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, etc

Languages: Python, Java, HTML, CSS
AI: LLMs, Fine tuning, Langchain, Langsmith, Prompt Engineering, Vetor Databases
API: FastAPI, Swagger, Postman
Related: Google Cloud Services, Git, Github, Visual Studio Code
Motives: Technology/AI integration, strategic planning, Sustainable technology, Environmentalism
Website: *matthewchiccino.github.io/Personal-Website/home.html*