

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 LLM 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

- Diagnose and resolve hardware and software issues for both Windows and macOS for BU faculty.
- Install, configure, and manage operating systems, applications, and supported software platforms
- Monitor and maintain system performance metrics, generating reports for IT management.
- Maintain and manage IT equipment inventory, ensuring all devices are up-to-date and fully operational.

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

- Markov Model to digest, 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, Vector Databases

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

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