

Sabeeh Hassany

Greater NYC Area | sabeehhassany@gmail.com | [LinkedIn.com/in/SabeehH](https://www.linkedin.com/in/SabeehH) | [GitHub.com/SabeehHassany](https://github.com/SabeehHassany) | SabeehHassany.github.io/v2

EDUCATION

Boston College

Graduated: May 2024

Bachelors of Science in Computer Science and Neuroscience | Concentration in Machine Learning

SKILLS

Languages Proficient Python(5yrs) · Javascript(3yrs) · HTML/CSS(3yrs) Intermediate SQL(2yr) · TypeScript(1yr) · .NET(1yr)

Software AWS · GCP · Langchain · HuggingFace · OpenAI · PyTorch · TensorFlow · Azure · Confluence · Linear · Jira

Personal CliftonStrengths Restorative · Strategic · Relator · Learner · Analytical CareerExplorer Enterprising · Investigative

EXPERIENCE

AI Product Management Intern

Sep 2024 - Present

FRENALYTICS

New York, NY

- Designed, developed, and deployed **3** AI solutions to optimize data analysis efficiency by **25%** for **250+** admins
- Defined roadmap for AI dashboard feature to summarize performance, reducing manual data entry workload by **12.5%**
- Led iterative development and tuning of LLM models to gather insights across product, engineering, and stakeholders

Software Engineering / Project Management Resident

May 2024 - Aug 2024

HEADSTARTER

New York, NY

- Designed and deployed **5+** AI apps using RAG, OpenAI, Pinecone, and Stripe, achieving **98%** accuracy with **450+** users
- Developed a support agent with RAG, OpenAI, and Pinecone. handling **1,000+** queries weekly, boosting accuracy by **40%**
- Led a team of 3 fellows using MVC patterns and agile, dedicating **50+** hours to complete **3** projects in 2-week sprints

Software Engineering Intern

May 2023 - Aug 2023

FRENALYTICS

New York, NY

- Designed an updated patient information customization interface, improving user experience and efficiency by **15%**
- Deployed **5+** full-stack features, with a **15%** reduction in reported bugs and **20%** increase in memory efficiency
- Built a mock API relational database using .NET, C#, SQL, and GitFlow, with a comprehensive endpoints schema

Machine Learning Club Vice President

Apr 2023 - May 2024

BOSTON COLLEGE MACHINE INTELLIGENCE GROUP

Boston, MA

- Spearheaded workshops on machine learning / AI applications, engaging **60+** members across various fields
- Managed a **\$30,000 +** budget for events and initiatives, **4** industry speakers, student project resources, and more
- Mentored underrepresented STEM students, empowering participation and contributions in technical fields

PROJECTS

WatsonAI Multi-Agent System | Open-source (~25 hours) - [GitHub Link](#)

Nov 2024

- Built a multi-agent system using **IBM WatsonAI**, CrewAI, and Serper API to automate research and speech-writing tasks
- Designed modular agents to perform sequential tasks, enabling automated web research and content generation workflows
- Developed Python-based architecture to process and save outputs, including research findings and keynote speeches

ML Alpaca Trading Bot | Open-source (~30 hours) - [GitHub Link](#)

Nov 2024

- Developed a Python-based trading bot using Lumibot, **Alpaca API**, and FinBERT to analyze financial news and forecast trends
- Automated sentiment analysis on **500+** financial news articles daily, enhancing informed decision-making processes
- Simulated trades with a backtesting strategy, demonstrating potential portfolio gains over a two-week period

RAG-Powered AI Assistant | Open-source (~30 hours) - [GitHub Link](#)

Nov 2024

- Built a RAG-powered AI assistant using **OpenAI GPT-3.5** and Pinecone to retrieve reviews and generate informed responses
- Created a responsive chat interface with Next.js and Material-UI for seamless real-time interactions via Firebase
- Deployed a semantic search pipeline, preprocessing **500+** scraped professor reviews with database vector embeddings

Tetris Deep Learning Bot | Team Project & Open-source (~40 hours) - [GitHub Link](#)

May 2024

- Designed a **2 layer 64 unit** ReLu activation network using heuristic learning, achieving **500+** lines and **11,000+** score cleared
- Led a team of 3 on a 2-week sprint using PyGame to make Tetris and a Deep Q-Learning Neural Network for playing
- Made **220+** local commits to shared 5 branch project repo, following industry Git, commit protocols, and feature engineering

ACTIVITIES

Medium Blogs - Published 15+ blogs on machine learning, algorithms, philosophy, neurotechnology, and more

Oct 2020 - Present

Regional Director - RD for Muslim Student Associations in Massachusetts

Apr 2023 - Present

Interests - Human centered ethical AI, behavioral economics, FinTech innovation, eastern philosophy