

Seamus Sutula

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Boston, MA

EDUCATION

Boston College, Morrissey College of Arts and Sciences

B.S, Computer Science

Overall GPA: 3.85

Relevant Coursework: Data Structures and Algorithms, Deep Learning, Human-AI Interaction, Robotics, Natural Language Processing

Chestnut Hill, MA

Graduation: May 2025

WORK EXPERIENCE

Terra Dotta

Remote

Junior Software Engineer (Contract)

July 2025 - present

- Rapidly prototyped and deployed AI solutions across a suite of SaaS products, focusing on enhancing search functionality and overall user experience.
- Designed and implemented RAG pipelines, agentic workflows, and semantic search systems using LangGraph, AWS Bedrock, Elasticsearch, and Python.
- Delivered full-stack features with Angular, Java, and TypeScript, integrating AI systems seamlessly into production environments.

Zoominfo

Waltham, MA

Software Engineering Intern

June 2024 - August 2024

- Optimized count estimation processes through in-depth Solr query data analysis and advanced data estimation techniques, leveraging Python, Solr, Snowflake, and Apache DataSketches frameworks.
- Developed and recommended an innovative solution that reduced query latency by up to 70%, slated for production implementation.
- Gained comprehensive insight into the software development lifecycle through proactive engagement with senior management, focusing on project management, resource allocation, and interdepartmental collaboration.

The GBCS Group

Remote

Backend Developer Intern

May 2023 - August 2023

- Demonstrated proficiency in rapidly acquiring and applying software development tools, including JavaScript, Node.js, Firebase, and Postman.
- Architected and implemented an API framework to facilitate efficient data retrieval from backend systems and seamless frontend communication.

PROJECTS AND LEADERSHIP EXPERIENCE

Decodables

Founding Fullstack Engineer

October 2024 - June 2025

- Collaborated with university peers and alumni to develop a scalable, user-friendly website offering personalized reading experiences for young, low-level readers.
- Spearheaded the creation of a custom prompt-engineering pipeline for integration with multiple large language models.
- Designed and implemented an interactive front-end interface and a robust back-end API architecture using FastAPI, React, Node.js, and Google Firebase.

Boston College AI Safety Society

President and Founder

August 2024 - May 2025

- Established and led a new student organization dedicated to exploring AI alignment through comprehensive discussions and research on AI development, policy, and regulation.
- Designed and implemented a custom curriculum for weekly seminars, covering topics ranging from high-level AI overviews to in-depth analysis of AI models, in collaboration with parallel organizations at Harvard and MIT.

SKILLS

Python • Java • C • JavaScript • Node.JS • React • sklearn • Solr • Git • Numpy • Pandas • PyTorch • TensorFlow • Excel