

Agnes Shan

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Education

Northeastern University

Sep 2020 – Dec 2023

Khoury College of Computer Sciences

BS, Computer Science and Business

Honors: Honors College, Dean's List 2020 – 2023

GPA: 3.75 / 4.00

Relevant Coursework: Algorithms, Object-Oriented Design, Networks and Distributed Systems, Computer Systems, Database Design, Investments, Financial Data Analytics

Computer Knowledge and Skills

Languages: TypeScript | Python | Java | .NET | C++ | PostgreSQL | SQL | HTML | CSS/SASS

Systems: Windows | Linux

Experience

FactSet Research Systems, Boston, MA

Mar 2024 – Present

Software Engineer II

- Built a feature to extract key financial metrics from press releases using LLM technology, decreasing the extraction time from 2 minutes to 10 seconds
- Implemented a new process to log all ChatGPT requests and responses to database
- Reduced AI costs by trimming down press releases using VB.NET

Fidelity Center for Applied Technologies, Boston, MA

Jul 2022 – Dec 2022

Software Engineer

- Created a proof-of-concept application with Dart, Go, and PostgreSQL
- Developed API endpoints using GraphQL

Projects

ArtScuffle

Jul 2023

- Created an art "battle" Discord bot in Python and PostgreSQL that allows users to score points by drawing, track their art, and view their statistics
- Implemented way for users' art to be backed up using the Backblaze API
- Project currently has 1,500 users across 600 community groups

Safehou-se

Oct 2021

- Designed a template engine in React to allow users to fill in data through a form
- Developed a secondary feature to add inline styling overrides to an HTML template