

Agnes Shan

San Francisco, CA

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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 + Skills

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

Systems: Windows | Linux

Experience

Delve Technologies, San Francisco, CA

Aug 2025 – Present

Software Engineer

- Refactored database relational architecture to expand platform customization
- Improved dashboard performance by decreasing P95 load latency from 10s to 1s
- Built infrastructure to support an AI-driven file verification system to assess uploaded files
- Designed various backend tool calls for AI-copilot to utilize across the platform

FactSet Research Systems, Boston, MA

Mar 2024 – Jul 2025

Software Engineer II

- Built a feature to extract financial metrics using LLM technology, decreasing time-per-document from two minutes to 10 seconds
- Led development of trending headlines project and increased granularity of news filtering
- Implemented robust LLM prompt system to support wildcard value insertion

Fidelity Center of 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 a Discord bot in Python and PostgreSQL that tracked user points, statistics, and uploaded files
- Project currently has 1,500 users across 600 community groups

Safehou-se

Sep 2022

- 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