

# Agnes Shan

Local: Boston, MA | Home: Bellevue, WA

☎ 425-628-1608 | ✉ [agnesshan@live.com](mailto:agnesshan@live.com) | [in linkedin.com/in/agnes-shan](https://www.linkedin.com/in/agnes-shan) | 🌐 [48n.es](http://48n.es)

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

*Systems:* Windows | Linux

## Experience

---

### FactSet Research Systems, Boston, MA

**May 2023 – Present**

*Software Engineer*

- 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 ChatGPT 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

**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

### FTP Server

**Oct 2021**

- Created a client to support file manipulation between FTP servers without the aid of existing libraries
- Conducted thorough testing of all commands in two different environments