

# Amy Fan

[amytfan@gmail.com](mailto:amytfan@gmail.com) • Chicago, IL

<https://github.com/amyfan7> • <https://www.linkedin.com/in/amy-fan-87580b256/>

## EDUCATION

---

### DePaul University

B.S. in Computer Science - Software Development

**Expected Graduation:** June 2027

**GPA:** 4.0

### Relevant Coursework:

Data Structures, Computer Systems, Design and Analysis of Algorithms, Discrete Mathematics, Object-Oriented Software Development, Database Systems, Software Testing

## TECHNICAL SKILLS

---

**Programming Languages:** Java, Python, C, C++, HTML, CSS, JavaScript

**Operating Systems:** Unix

**Additional Skills:** API integration, dependency management (Maven), object-oriented programming

## PROFESSIONAL EXPERIENCE

---

### Programmer

**Jul. 2025 - Present**

#### Scienceomatic

- Designed and implemented a Java-based mapping application to visualize geospatial data points on interactive maps.
- Integrated mapping libraries (GeoTools) to load base map tiles and render custom vector layers.
- Resolved dependency and compatibility issues across multiple versions of GeoTools modules and external repositories.
- Developed custom overlay painters to draw points and circle markers dynamically from geospatial coordinates.

### Supplemental Instruction Leader

**Apr. 2025 - Jun. 2025**

#### DePaul University

- Facilitated 2-3 weekly collaborative review sessions for Data Structures I students.
- Reinforced core concepts including arrays, linked lists, stacks, queues, trees, and recursion through guided practice
- Worked closely with professors to align sessions with weekly lecture content and assessments
- Developed practice problems and worksheets to target areas of difficulty and promote algorithmic thinking.

### Licensed Insurance Producer

**Sep. 2023 - Sep. 2024**

#### Jeffrey Fisher Agency - American Family Insurance

- Contacted prospective clients about insurance products and policies.
- Field inbound calls from 10 to 20 sales prospects each day, conduct cold calling and prospecting, and utilize upselling techniques to achieve 150% to 200% of monthly sales quotas.
- Wrote an average of \$35,000 to \$40,000 in business monthly.
- Collaborated with underwriters to tailor policies that met specific client needs and budget requirements.
- Addressed customer concerns or inquiries regarding policy terms, payments, and contract details.

## PROJECTS

---

### Portfolio Website

- Designed and implemented a single-page React application to highlight personal projects and professional experience.
- Implemented interactive UI components using React and modern CSS.
- Deployed and maintained a fully functional website on Netlify.

**Languages used:** React, CSS

**Github:** <https://github.com/amyfan7/portfolio-react>

**Link:** <https://amyfan.netlify.app/>

## ACTIVITIES

---

### Computer Science Society

Member

**DePaul University**