

Liam Smeraglia

Software Engineer

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WORK EXPERIENCE

Co-op Software Engineer

Tive

June 2022 - Dec 2022

- Worked within an agile scrum team to build and maintain a supply chain visibility platform
- Designed and developed an internal page for visualizing shipment data; increased efficiency of customer support team by creating workflows designed to facilitate common troubleshooting tasks
- Wrote documentation and iterated on core backend services to fix defects and fulfill user stories
- Developed proficiency in C# for backend, Typescript using Angular for frontend

Co-op Software Engineer

PathAI

June 2021 - Dec 2021

- Worked within an agile scrum team building and maintaining a medical platform that uses AI to assist pathologists
- Consolidated regulatory requirements to ensure compliance for a new project
- Developed proficiency in Python using Django for backend, Typescript using Vue for frontend

EDUCATION

Northeastern University

Khoury College of Computer Science

Honors Program

Sept 2019 - May 2023

GPA 3.81/4

Bachelor of Science in Computer Science

Concentration in Artificial Intelligence

- Web Development
- Software Engineering
- Database Design
- OOD
- Machine Learning 1/2
- Artificial Intelligence
- Computer Systems
- Algorithms

SOFTWARE SKILLS

Frontend

TypeScript	HTML	CSS
React	Angular	Vue
Karma	Jest	Cypress

Backend

C#	Java	Python
.NET	Node	Django

Data Science

Numpy	Pandas	TensorFlow
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Misc.

SQL	Figma	Jira
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ACADEMIC PROJECTS

Restaurant Management Software MVP

Apr 2023

- Worked within a 4-person team to build an MVP to manage restaurant personnel, online orders and in-person orders using AppSmith, Flask and MySQL
- Identified 3 user personas and compiled user stories to fulfill their needs
- Designed ER model and REST API

Covey.town Trivia Game

Mar 2023

- Worked within a 4-person team adding a trivia game to an open-source virtual meeting platform
- Designed, developed and tested components, models, controllers, and REST API endpoints using React and TypeScript
- Ran agile scrum ceremonies

NBA Player Archetype Analysis

Mar 2021

- Collected, cleaned and transformed statistics to cluster NBA players into 10 buckets based on their strengths and weaknesses

PASSIONS

Software Engineering, Data Science, UI/UX Recommender Systems, Data Visualization Sports, Music, Mindfulness, Writing