

# Peter So

(224) 628-0298 ❖ so.p@northeastern.edu ❖ sopeter.github.io ❖ LinkedIn/Github: sopeter ❖ Boston, MA

## EDUCATION

Northeastern University, Boston, MA

Sept. 2020 – Present

Khoury College of Computer Sciences

May 2024

*Bachelor of Science in Computer Science, Minor in Business Analytics*

- GPA: 3.56/4.00; Khoury College Dean's List; Engineering Dean's Scholar
- Focuses: Software Engineering, Artificial Intelligence
- Key Coursework: Object-Oriented Design, Algorithms and Data, Artificial Intelligence, Machine Learning, Computer Systems, Data Mining for Business

## SKILLS

**Programming Languages:** Java, Typescript, C++, Python, Objective C, Swift, JavaScript, HTML/CSS, SQL

**Development:** Java Spring Boot, GraphQL, Node.js, React, PostgreSQL, iOS,

**Platforms/Tools:** Git, Amazon Web Services, Azure, Windows, MacOS, Linux, Tableau

## WORK EXPERIENCE

Flexcar

Jan 2023 – Sept 2023

*Software Engineer Intern* | Java, Kotlin, Spring Boot, Typescript, Node.JS, GraphQL, Docker, AWS

Boston, MA

- Followed the Agile development practice with the entire risk team to reduce the number of fraudulent users by 70% on the Flexcar service.
- Developed and deployed multiple Spring-based microservices regarding risk and viability-based initiatives.
- Built and maintained multiple custom rules engines using Drools to alter customer prices based on the customer's perceived risk.
- Integrated with multiple third-party vendors specializing in risk-related services by creating new internal backend services and endpoints to use.
- Refactored parts of the GraphQL layer to move API logic found in mutations to the backend services.

Gilded

Jan 2022 – July 2022

*Technology Intern* | Java, Spring Boot, Azure Functions, Azure Data Factory, Azure Event Hub

Remote

*Integration Team*

- Developed an ETL pipeline to automate business operations and facilitate the flow of all data within the company using multiple Azure Services.
- Created a developer testing guideline for the ETL pipeline to run daily smoke and end-to-end tests.
- Increased company efficiency by converting 80% of manual data verification to an automatic process.

*Companion App Team*

- Developed a backend microservice to simultaneously parse and convert simple JSON files to descriptive JSON files which describe numerical data in English to be directly used on the front-end applications.
- Created a framework of API endpoints to match the team's needs for accessing different files and resources.

## PERSONAL AND ACADEMIC PROJECTS

LIME | Java

June 2021

- Developed LIME, a layered image manipulation and enhancement program using object-oriented design principles.
- Implemented the ability to import, export, filter, enhance, and layer images using a graphical user interface built by Java Swing and in an MVC architecture.

FHS Notes | Objective C, Swift

March 2019

- Wrote an iOS mobile application using XCode that allows users to easily create a planner and notes for available classes.
- Integrated CocoaPods to include note saving, color coding, account creation capabilities, a full-scale calendar, and the ability to log in using a Google account, with all data stored on a private cloud database using Firebase.

## EXTRACURRICULAR INVOLVEMENT

NEU Blockchain

Sept. 2021 – Sept. 2023

- Researched and assessed different crypto and blockchain technologies to gain insight in this revolutionary adoption.
- Wrote a technical research paper with colleagues about the architecture of Ethereum 2.0 and its anticipated effects.