

# Peter So

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## EDUCATION

Northeastern University, Boston, MA

Sept. 2020 – Present

Khoury College of Computer Sciences

May 2024

*Candidate for Bachelor of Science in Computer Science*

- GPA: 3.46/4.00 ; Khoury College Dean's List ; Engineering Dean's Scholar
- Focuses: Software Engineering, Artificial Intelligence
- Key Coursework: Object-Oriented Design, Algorithms and Data, Computer Systems, Data Mining for Business, Fundamentals of Computer Science 1 & 2

## SKILLS

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

**Development:** iOS, CocoaPods, Firebase, React, Java Spring

**Platforms/Tools:** Git, Azure, Azure DevOps, Windows, MacOS, Linux, Tableau

## WORK EXPERIENCE

Gilded

Jan 2022 – July 2022

*Technology Intern*

*Remote*

Integration Team

- Developed and deployed Azure Functions in Java to automate business operations and facilitate the flow of all data within the company with the help of multiple Azure Services.
- Collaborated with the QA lead to thoroughly test all functions in multiple development environments before the launch of service.

Companion App Team

- Developed an in-house Java program to parse multiple JSON files of data and create complimentary JSON files that describe the data in English for the front-end team to show in their developing mobile and web app.
- Created a framework of API endpoints to match the team's needs for accessing different resources.

Tiger Koo's Martial Arts

March 2016 – Nov 2018

*Senior Instructor*

*Palatine, IL*

- Led and instructed martial arts classes to students of all ages on multiple forms of self-defense.
- Developed training regiments and prepared the school for classes, ensuring that all instructors were prepared to teach.
- Taught students core values such as respect, discipline, and perseverance.

## 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 - Present

- 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.

Oasis

Sept. 2021 – Dec. 2021

- Participated in an 8-week incubation program where students work in teams to create a working software project.
- Developed the framework of a web application that college students can use to swiftly sell or buy textbooks at a discounted price as a peer-to-peer transaction.