

# Eric Kim

Boston, Massachusetts  
Availability: January - August 2025

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## EDUCATION

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**Northeastern University**, Boston, MA

*Khoury College of Computer Sciences*

Candidate for Bachelor of Science in Computer Science; Concentration in Software

*September 2022 - Present*

Expected Graduation: April 2026

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** Python, JavaScript, HTML+CSS, C/C++, Racket, R, SQL, x86 Assembly, 6502 Assembly

**Tools, Frameworks, and Libraries:** Python Libraries, ReactJS, NodeJS, NextJS, VSCode, Git, GitHub, MongoDB

**Relevant Coursework:** Algorithms & Data, Object-Oriented Design, Computer Systems, Foundations of Data Science

## EXPERIENCE

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### Headstarter

*July 2024 - August 2024*

*Software Engineering Fellow*

Remote

- Prototyped 2 AI applications using OpenAI, React, and Next.js with the goal of achieving 1000 signed-up users
- Structured applications from design to deployment, leading a group of 3 fellows, following MVC design patterns

### IpsierLab

*May 2024 - August 2024*

*Software Engineer Intern*

Remote

- Maintained 50+ React components within a startup's website to ensure smooth operation of quiz functionality, ensuring seamless integration with back-end services written in Java
- Assisted colleagues to help debug complex front-end architecture, performing troubleshooting and debugging

### Oasis

*May 2024 - Present*

*Explorer Series Director*

Boston, MA

- Revamping Explorer Series to hold 5+ workshops on web development topics, bridging the gap between undergraduate curriculum and industry knowledge to give students the tools necessary to express their knowledge
- Collaborating with other undergraduate clubs with over 120+ participants among all undergraduate clubs utilizing strategic event planning and effective communication strategies
- Maintaining Oasis website to deliver up-to-date information on upcoming Oasis events and collaborations

### ChefMod

*September 2021 - June 2022*

*Software Engineer Intern*

Remote

- Developed the ChefMod mobile application using Ionic Framework in Angular and TypeScript that allowed 500+ users to communicate with distributors for up-to-date information on invoices and order history
- Utilized GitHub and Discord to streamline communication and version control

## PERSONAL PROJECTS

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### Spotify Song Sorter

*May 2024 - Present*

*Technology Used: ReactJS, HTML + CSS, JavaScript*

- Designing a sorting algorithm in ReactJS to algorithmically display songs from a user-selected artist to determine the user's ranking of their discography based on the decisions of each pair of songs displayed to the user
- Performing RESTful API calls to the Spotify Web API in order to fetch artist data and store various identifying information about their discography including the albums and their tracklists

### Crypto Pairs Trading Program

*September 2021 - June 2022*

*Technology Used: Python, HTML + CSS, Heroku, MongoDB*

- Developed a Python-based backtesting system for cryptocurrency pairs, using Pandas to analyze historical data and generate buy/sell signals for optimized trading decisions
- Led Agile sprints and organized tasks using a Kanban board, fostering a collaborative environment and ensuring efficient project management and task tracking
- Scraped up-to-date Yahoo Finance cryptocurrency data to collect and refine market data, enhancing the accuracy of the Pairs Trading algorithm through iterative backtesting and performance tuning