

JONATHAN CHEN

jonafish10@gmail.com | +1 (347) 268-3564 | Flushing, NY 11364

[linkedin.com/in/jonathan-chen10](https://www.linkedin.com/in/jonathan-chen10)

Co-Op Availability: January – August 2024

EDUCATION

Northeastern University, Boston, MA

Sep 2021 – Present

Khoury College of Computer Sciences

Expected graduation: May 2025

Candidate for B.S. Computer Science with Minor in Mathematics, University Honors Program

Cumulative GPA: 3.9/4.0

Relevant Coursework: Object-Oriented Design, Computer Systems, Algorithms, Linear Algebra

Stuyvesant High School, New York, NY

Sep 2017 – Jun 2021

SKILLS

Languages: JavaScript/TypeScript (React; Node; Express; Jest), Java, C, Python (Jupyter), HTML, CSS

Technologies: Git/GitHub, Unix/Linux/macOS command line, VSCode, Emacs, LaTeX, Microsoft Excel

EXPERIENCE

Software Engineer Co-op Intern, Technology Leadership Dev. Program

Jan 2023 — Jun 2023

Travelers

Fully Remote

- Developed a full-stack web app with React/Redux frontend and Node/AWS Lambda backend to manage outage notifications on customer-facing apps, streamlining prod-ops workflows
- Produced an interactive web app with three other co-ops to read and share internship takeaways
- Networked with technology leaders across teams to understand leadership strategies and roles

Tech Lead, Software Solutions

Sep 2022 — Jan 2023

Northeastern Electric Racing

Boston, MA

- Added features to a project management dashboard on GitHub built with React, Node, Express, and Prisma, used by 200+ engineers, winning awards in the Formula Hybrid+Electric Competitions
- Supervised a group of six developers, answering questions and providing constructive feedback through code reviews and weekly check-ins
- Scoped higher-level product design and feature decisions weekly with software leadership

Teaching Assistant, Fundamentals of CS 1

Jan 2022 — May 2022

Khoury College of Computer Sciences, Northeastern University

Boston, MA

- Reviewed functional programming practices in DrRacket's student languages with around 5 students semi-weekly for office hours to build confidence and conceptual understanding
- Guided a lab section of around 10 pairs of students on an assignment along with three co-TAs
- Provided detailed feedback on 4-8 homework assignments a week, as well as on exams

PROJECTS

Image Processor

June 2022

Code available upon request.

- Created a program with a partner using a Java Swing GUI to load and save images and apply over a dozen filters and modifications
- Designed with object-oriented patterns, JUnit testing, and a model-view-controller structure