

Colin Wong

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School: Boston, MA | Permanent: Bay Area, CA | Availability: May 2025 - December 2025

EDUCATION

Northeastern University | Khoury College of Computer Sciences

Boston, Massachusetts

B.S. in Computer Science, Minor in Mathematics

Expected Graduation May 2027

- **GPA:** 3.80/4.00 | **Khoury GPA:** 4.00/4.00
- **Coursework:** Object-Oriented Design, Algorithms and Data, Computer Systems, Introduction to Databases, Discrete Structures, Introduction to Mathematical Reasoning, Foundations of Data Science, Foundations of Cybersecurity, Information Presentation and Visualization

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, C, SQL, TypeScript/JavaScript, HTML/CSS

Libraries/Frameworks: React, Spring Boot, Express, FastAPI, Flask, MySQL, SQLite, Sequelize, JUnit, Jest

Tools: Git, Node, Postman, Linux, Docker

EXPERIENCE

Forge Club | FastAPI, Amazon S3

January 2024 – Present

Backend Developer

Boston, Massachusetts

- Currently developing the backend for a full stack web application, designed to compare healthcare plans.
- Created FastAPI endpoints for handling chatbot interactions and user data submission for analysis and results.

Oasis Club | React, Flask

September 2020 – November 2024

Frontend Developer

Boston, Massachusetts

- Worked with 5 undergraduate students and a graduate mentor to build a full-stack food recommendation app.
- Built responsive React components utilizing hooks for efficient state management and search functionality.
- Integrated RESTful API endpoints with Flask backend, ensuring smooth data flow between user interactions.
- Coordinated efforts among team members by organizing weekly stand-ups and utilizing Git for version control, fostering effective collaboration and timely project completion.

Panera Bread

July 2022 – January 2023

Cashier

Dublin, California

- Demonstrated organizational skills while managing multiple responsibilities in a fast-paced environment.
- Collaborated effectively with team members to optimize workflows and improve efficiency.
- Delivered expert customer service, improving overall customer satisfaction.

PROJECTS

Chess Game | React, Spring Boot, JUnit

November 2024 – January 2025

- Implemented a fully functional chess game with move validation, castling, en passant, and pawn promotion rules.
- Built a Spring Boot API for game logic, applying object-oriented programming principles and design patterns.
- Designed comprehensive JUnit tests to ensure the reliability of game logic, including move validation and checks.

Khoury Schedule Planner | React, Express, SQLite, Sequelize

August 2024 – November 2024

- Developed a full-stack web app that helps students plan their schedules by visualizing graduation requirements.
- Built the front end with React, leveraging hooks and implementing API requests to fetch information.
- Created an Express API to facilitate data retrieval and generate personalized schedule recommendations.
- Populated a SQLite database to store information, utilizing Sequelize ORM to enhance code maintainability.

TicTacToe Bot | React

August 2024 – November 2024

- Built an unbeatable tic-tac-toe bot by implementing the minimax algorithm, ensuring optimal play from users.
- Created intuitive and reusable React components to build the user interface, enhancing interactivity.
- Leveraged React hooks to efficiently manage application state, enabling smooth game progression, and real-time updates.