

# NICHOLAS WONG

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(516) 225 - 9801 | Availability: January - July 2025

## EDUCATION

Northeastern University, Boston, MA

September 2022 - Present

Khoury College of Computer Sciences

Expected: May 2026

*Candidate for Bachelor of Science in Computer Science*

Coursework: Computer Systems, Algorithms and Data, Artificial Intelligence, Object Oriented Design, Fundamentals of Computer Science 1 & 2, Discrete Structures

Activities: Software Engineer at Electric Racing Club, Northeastern Division 1 Basketball Student Manager

## TECHNICAL SKILLS

**Languages:** Python | Java | JavaScript | HTML/CSS | TypeScript

**Frameworks:** React | Node.js | Flask | Pygame | NumPy | Pandas

## PROJECTS

**Personal Portfolio Website** | React, JavaScript, HTML/CSS, Vite

July 2024

- Designed a responsive personal portfolio website using React and Vite, showcasing projects and skills
- Implemented interactive UI components, enhancing user experience and engagement across various devices
- Utilized modern front-end technologies and best practices to ensure fast load times and seamless navigation
- Deployed the website using a continuous integration pipeline, ensuring smooth updates and minimal downtime

**Video Management API** | Python, Flask, SQLite

April 2024

- Developed a RESTful API using Flask and Flask-RESTful for managing video data stored in a SQLite database
- Adopted CRUD operations for video resources, utilizing HTTP methods to manage data effectively
- Leveraged Flask's development server for local testing and debugging, ensuring API functionality and responsiveness

**Reversi Game** | Java

December 2023

- Spearheaded a group of three in constructing multiple game modes of Reversi
- Revised and debugged 5000+ lines of code to decrease run time
- Formulated multiple strategies for an automated, computer-based player for solo gameplay
- Exercised expertise in algorithms and data types to reduce execution time

## EXPERIENCE

**J.P. Morgan Software Engineering Virtual Experience**

July-August 2024

- Established a local development environment by downloading and configuring essential files, tools, and dependencies
- Diagnosed and resolved repository issues to ensure the web application functioned correctly
- Employed JPMorgan Chase's open-source library, Perspective, to develop a live data feed graph for trader monitoring

**Elegant II Valet, LONG BEACH NY**

April-September 2023

*Valet Assistant Manager*

- Supervised over 100 automobiles within an hour during busy events including efficient parking and retrieval
- Collaborated closely with event organizers, wedding planners, and restaurant staff to coordinate parking logistics, ensuring seamless operations and guest satisfaction

**New York Titans Athletics, QUEENS NY**

January 2020-August 2022

*Trainer and mentor*

- Orchestrated engaging basketball sessions for groups of 8-12-year-olds, both in-person and via Zoom during the pandemic
- Innovatively transformed training into exciting adventures, seamlessly blending fun and skill-building, with creative drills and games.

## AWARDS & INTERESTS

**Awards:** Town of Oyster Bay Community Service Award | High Honors at Johns Hopkins intensive summer program (2x)

**Interests:** Basketball | Snowboarding | Tennis | Pokémon | Skiing | Traveling | Racing | Cars