

# NICHOLAS WONG

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

## EDUCATION

**Northeastern University**, Boston, MA

**Khoury College of Computer Sciences**

*Candidate for Bachelor of Science in Computer Science*

**September 2022 - Present**

**Expected: May 2026**

**GPA: 3.2/4.0**

**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 | Vite | Flask | Pygame | NumPy | Pandas

**Other:** Git | GitHub | Docker | SQLite

## 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 supports an average of 500 daily requests
- 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 Virtual Experience**, New York, NY

**July-August 2024**

*Software Engineer*

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

**Elegant II Valet**, LONG BEACH NY

**April-September 2023**

*Assistant Manager*

- Efficiently managed parking and retrieval of over 100 vehicles per hour during high-traffic events, ensuring smooth operations and exceptional customer service
- 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 basketball sessions for groups of 8-12-year-olds, both in-person and via Zoom during the pandemic
- 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