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   **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