

# BRENDAN COUGHLAN

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## EDUCATION

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**City University of New York, College of Staten Island | Staten Island, NY**

**B.S. in Science, Computer Science | GPA: 3.81/4.0**

*Expected Fall 2025*

**Relevant Coursework:** Robotic Exploration, Digital Systems Design, Machine Learning, Computer Organization, Data Structures, Discrete Structures and Algorithms, Database Fundamentals, Mobile Application Development

## PROFESSIONAL EXPERIENCE

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**Olympus Cyber LLC | Founder & Independent Developer | Staten Island, NY**

*April 2024 – Present*

- Provided administrative and IT support for a local union, including document organization and computer setup.
- Currently building and experimenting with a range of software projects under Olympus Cyber LLC, including tools, web applications, games, and educational content.
- Manage all aspects of the business, from client communication to full-stack development and deployment.

**Ports America | Security Officer | Brooklyn, NY**

*May 2024 - Present*

- Verify passenger documentation and staff identification to ensure compliance with port security regulations.
- Conduct thorough screening of passengers and luggage using scanning equipment and manual inspection procedures to prevent unauthorized items from entering secure port areas.
- Maintained and monitored security systems, enhancing surveillance and access control measures.

## PROJECTS

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**Interview Coach | Course Project**

*May 2025*

- Developed a full-stack AI-powered interview practice app using **Next.js** for the frontend and **FastAPI** for the backend.
- Integrated the **OpenAI API** to generate dynamic, role-specific interview questions and simulate real mock interviews.
- Led backend development, including API routing, prompt engineering, and handling asynchronous data flow.
- Collaborated in a 3-person team using GitHub for version control, contributing to both technical features and project planning.

**KotlinTrade | Course Project**

*May 2024*

- Developed a stock tracking app in **Kotlin** using Jetpack Compose for the UI and Retrofit for API integration.
- Implemented features like watchlists, price alerts, and real-time search using external market data.
- Focused on responsive design and clean UX for mobile users, with smooth data updates and minimal latency.
- Managed version control with Git and documented the project on GitHub for open-source transparency.

## TECHNICAL SKILLS

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**Languages:** Python, Java, C++, PHP, C#, JavaScript, HTML, CSS

**Frameworks & Tools:** Git, GitHub, MySQL, Unity, Godot, FastAPI, OpenAI API

**Platforms & OS:** Windows, Linux, Unix

**Core Competencies:** Object-Oriented Design, Problem Solving, Analytical Thinking

## AWARDS & PUBLICATIONS

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- **Young Writers Award** – Recognized for excellence in creative writing, 2022
- **Short Story Publication** – “The Dead Can’t Laugh”, published in *Unsolved – American Mysteries*, 2022