

Justin Thomas

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EDUCATION

The College of Staten Island (CSI), City University of New York (CUNY)

Bachelor of Science in Computer Science | GPA: 3.73/4.00

Staten Island, NY

Expected May 2025

Relevant Coursework:

Discrete Math, Analysis of Algorithms, C++ Programming, Java, Data Structures

SKILLS

Programming: C++, Python, Java

Technologies: Git/GitHub

Certifications: CodePath's Cybersecurity Course (May 2023)

PROJECTS

Tetris

Mar 2023 – May 2023

- Developed a classic game of Tetris using Java and JavaFX, demonstrating strong programming skills and proficiency in object-oriented design.
- Implemented core game mechanics, including tetromino movement, rotation, and collision detection, showcasing a solid understanding of algorithms and game logic.
- Collaborated in a team of 3 to plan, design, and implement the Tetris game, showcasing effective teamwork and communication abilities.
- Employed version control (Git) to manage collaborative development effectively, ensuring seamless integration of individual contributions.

Snake

Apr 2023

- Skillfully designed and developed an enthralling Snake game with Python and the Turtle graphics library, leveraging my adeptness in programming logic and innovative graphical user interface design to create a functional game.
- Implemented the game mechanics, including snake movement, food generation, and collision detection, to provide a fully functional and interactive gaming experience.
- Utilized object-oriented programming (OOP) principles to create modular and maintainable code, enhancing code readability and reusability.

RELEVANT EXPERIENCE

CUNY Tech Prep

New York, NY

Fellow, Software Development/Data Science

Jun 2023 – Present

Selected for a competitive web development fellowship with students from across the 11 CUNY senior colleges where Fellows create technical projects using tools such as React, Node + Express, and PostgreSQL.

- Participate in weekly courses and learn industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test-driven development, and CI/CD

CodePath

New York, NY

Cybersecurity Tech Fellow

Jul 2023 – Present

- Led and instructed 50+ undergrads in an introductory Cybersecurity course, facilitating an engaging and effective learning environment.
- Provided technical support to students throughout the course, including regular lab sessions, assignments, and group projects, utilizing Zoom and Slack to deliver remote instruction.
- Reviewed cybersecurity lab assignments involving the use of Kali VM to understand common problems students may face

SUPPORTING EXPERIENCE

The City University of New York, College of Staten

Staten Island, NY

College Assistant

May 2022 – Present

- Developed strong problem-solving abilities by providing technical support and troubleshooting issues for students and faculty, ensuring efficient use of software and hardware resources.
- Demonstrated excellent communication skills while assisting in workshops, effectively conveying complex technical concepts to diverse audiences with varying levels of expertise.
- Exhibited adaptability and a willingness to learn by quickly mastering new software and technologies, exemplifying the ability to stay current with industry trends.
- Worked collaboratively in a team of 4 assistants, actively participating in group projects and leveraging diverse perspectives to achieve collective goals.