

# Christopher Hui

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## Education

**City University of New York, College of Staten Island** | Staten Island, NY Graduation Date: May 2023

Bachelor of Science in Computer Science, Mathematics Minor, **GPA:** 3.673/4.00 (Cum Laude)

**Relevant Coursework:** Discrete Mathematical Structures | Data Structure & Algorithms | Object-Oriented Software Design | Web Database Applications | Database Systems | Operating Systems | Computer Architecture | Software Engineering

## Skills

**Programming:** C++ | C# | C | Java | JavaScript | HTML | CSS | PostgreSQL | MySQL | Golang | PHP

**Frameworks & Libraries:** React.js | Node.js | Express.js | Tailwind CSS | jQuery | Bootstrap | Material UI | JavaFX

**Technologies:** GitHub | Trello | Postman | Docker | Heroku

## Work Experience

**Amazon, Fulfillment Associate** | Staten Island, NY 06/2019 – Present

- Achieve exceptional productivity by consistently scanning and processing an average of 280 items per hour, exceeding the minimum requirement of 200 items per hour by 40%

**StartingPoint, Software Development Internship** | Remote 06/2022 – 08/2022

- Led the design and development of 2 R.O.I. calculators using Webflow, JavaScript, and jQuery, resulting in a 15% reduction in budget expenditures and a 20% increase in identified value savings for the company
- Implemented modernization of the Webflow price page by introducing product bundles and automating payment collection through QuickBooks
- Leveraged the StartingPoint platform to implement Agile Scrum principles, leading to a 40% enhancement in project transparency and a 30% boost in effective project management efficiency

## Projects

**Custom Shell+ Program** 11/2022 – 12/2022

- Led a team of 5 students in developing a C program for a customized command shell, utilizing advanced programming techniques such as process creation, process control, file descriptors, signals, and pipes
- Delegated the implementation of custom commands to team members, including “tree\*” for creating directories and files, “list\*” for displaying directory contents, “path\*” for printing directory paths, and “exit\*” for terminating the shell

**Tech Talent Pipeline Full Stack Development Program** 01/2022 – 02/2022

- Coordinated with a team of 5 students to develop a web application using React.js, Node.js, Express.js, and PostgreSQL for simplified subscription management, enabling users to track and manage multiple paid services
- Contributed to the development of subscription management functionality, including CRUD operations for creating, viewing, updating, and canceling subscriptions, and conducted backend route testing using Postman
- Implemented secure user authentication, including password encryption with salt and hash, and JSON Web Token

**Mini Vi Text Editor Program** 11/2021 – 12/2021

- Collaborated with a team of 4 students to develop a robust Vi text editor C++ program, implementing keyboard commands for cursor movement, character and line deletion, undo functionality, and file saving
- Successfully integrated multiple iterations of the project, continuously improving, and optimizing the program by adding new features and enhancing existing functionality