

# Allen Liu

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## EDUCATION

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

Bachelor of Technology in Computer Systems Technology | GPA: 3.85/4.00

Staten Island, NY

Expected May 2025

#### Relevant Coursework:

Discrete Structures and Algorithms, C++ Programming, Database Fundamentals, Java, Data Structures, Video Game Programming

## SKILLS

**Programming:** C++, C#, Java, Python, HTML, CSS, JavaScript, Node.js

**Technologies:** VsCode, Unity, Git/GitHub, Windows, Linux

**Spoken Languages:** English, Chinese (Native)

## PROJECTS

### **ProjectOfPie** , <https://github.com/AllenL8921/ProjectSliceOfPie>

Jan 2024 – Mar 2024

- Team leader in a group of 3, overseeing project development and coordinating tasks
- Utilized AGILE SDLC methodologies, including weekly sprints and incremental development of feature development, to manage and adapt project progress
- Developed a flask application that provides a seamless interface for ordering items
- Designed a robust database schema to manage user accounts, order history, menu items, ensuring efficient data retrieval and integrity
- Implemented user authentication and authorization, allowing for secure login and user specific functionality

## RELEVANT EXPERIENCE

### **CUNY Tech Prep**

New York, NY

Fellow, Software Development

Jul 2024 – Present

- Participating in a year-long program focused on Full Stack web development, covering industry best practices and advanced techniques in both frontend and backend technologies
- Engaging in hands-on projects and collaborative learning to deepen understanding of modern web development frameworks and tools
- Receiving mentorship and training in software engineering principles, design patterns and industry standards to enhance development skills

### **Art Beyond Sight**

New York, NY

STEM/IT Intern

Jul 2023 – Aug 2023

- Collaborated with a team to develop presentations focused on digital accessibility and inclusivity for individuals with disabilities, enhancing awareness and understanding of accessible design principles
- Migrated content from Drupal 6 to Drupal 9 website, ensuring a seamless transition and improved functionality
- Installed and configured Drupal plugins to optimize content management and enhance website features
- Deployed website through Pantheon, facilitating smooth deployment and version control of the Drupal site

## SUPPORTING EXPERIENCE

### **Chen Tutoring Center**

Staten Island, NY

Coding Tutor

Oct 2022 – Mar 2023

- Instructed small groups of 1-5 children computer science and Python programming concepts, fostering an engaging and supportive learning environment
- Developed lesson plans and educational activities tailored to individual learning needs, enhancing comprehension and retention of programming skills
- Provided one-one-one and group tutoring to address specific challenges and promote hands-on learning experiences

## ASSOCIATIONS

### **Computer Science Club**

Aug 2023 – Present