

# Ian Fore

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## Education

**Stony Brook University, Stony Brook, NY**

**Expected May 2025**

Bachelor of Science in Computer Science

Relevant Courses: Data Structures and Algorithms, Object Oriented Programming, Analysis of Algorithms, Discrete Math, Software Development, Programming Abstractions, System Fundamentals 1, Human-Computer Interaction

## Work Experience

**Software Engineering Intern**

**Jun 2023-Aug 2023**

**Broadridge Financial Solutions | New York, NY**

- Designed and implemented a robust system to monitor and log after-hours app support calls, enhancing after-hours support efficiency by 40%.
- Crafted an internal application that centralized and streamlined data from each client, enhancing the experience of the developers.
- Optimized existing software solutions by conducting code reviews and refactoring, leading to a 10% improvement in application performance and reliability.
- Employed C#, WinForms, and SQL for the development process.

**Intern**

**Jul 2020-Aug 2020**

**LaGuardia College | New York, NY**

- Conducted research on specified biological topics, utilizing strong analytical skills to compile and interpret data
- Collaborated closely with a biology professor and other interns demonstrating effective teamwork in conducting research and presenting findings.

## Projects

**Stack Overflow Clone**

- Designed and developed a full-stack web application mimicking the functionalities of Stack Overflow using HTML, CSS, JavaScript, React.js, Express.js, and MongoDB.
- Enhanced user engagement and content quality by integrating an authentication system and a user-responsive ranking system for questions and answers.
- Developed robust authentication protocols ensuring user security during account creation and login, complemented by an administrative access control system for elevated management tasks.

**Wolfie Market**

- Developed a responsive marketplace web application called Wolfie Market using HTML, CSS, JavaScript, and Bootstrap, catering to the specific needs of Stony Brook University students.
- Implemented features for buying and selling textbooks and dorm items, providing a user-friendly platform for student commerce.

## Extracurricular Activities

**SBU Company of Archers | Webmaster**

- Improved club website and managed social media presence of the club in order to update and recruit members
- Increased monthly visitors of the club's website by 120%
- Trained members of the club in proper form, technique, and safety regulations.

**SBU Maps | Member**

- Worked on a team of 4 to create an indoor map app of buildings at Stony Brook University.
- Increased the efficiency of the searching algorithm by 50%

## Skills

- Programming: JavaScript, Python, Java, HTML/CSS, React.js, React Native, MIPS Assembly, C#.
- Tools and Technologies: Git, MongoDB, Node.js, Express.js
- Languages: English (Native), French (Intermediate), Haitian Creole (Basic).
- Transferable: Time Management, Problem Solving, Communication, Interpersonal Skills, Leadership.