

# MICHELLE THAM

## Contact

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## Coursework

OOP in Java  
Data Structures  
Discrete Mathematics  
Programming Paradigms  
Systems Assembly in MIPS  
Analysis of Algorithms  
Software Development  
Computational Geometry  
*Systems in C*  
*Multimedia Systems*

## Skills

### Programming Languages

Java  
HTML / CSS  
MIPS Assembly  
Python

### Frameworks / Tools

Java Spring Boot  
Slack API Library  
Postman  
Git  
LaTeX

## Organizations

BuiltByGirls  
Girls Who Code  
Rewriting the Code  
Society of Asian Scientists  
and Engineers  
Theta Tau  
United East Athletics  
Association

## Awards

Grace Hopper Scholar (2020)  
Dean's List (2018-2020)  
BoFA Intern Finalist (2019)

## Education

**STONY BROOK UNIVERSITY** | Computer Science (B.S.)

**Stony Brook, NY | GPA: 3.51 / 4.0 | Expected: May 2022**

College of Engineering and Applied Science

Women in Science and Engineering (WISE) Honors College

## Technical Experience

**AMERICAN EXPRESS** | Software Engineer Intern

**Technology, Digital Workplace | New York, NY | July 2020 – August 2020**

- Assembled a Slack integration to retrieve details from American Express' internal application using Java Spring Boot, RESTful API calls, Git, and Postman.
- Released integration to production for Slack users companywide to ease the process of gathering data, increase productivity, and shorten time navigating in and out of Slack.

**BANK OF AMERICA** | Technology Analyst Intern

**Global Information Security | New York, NY | June 2019 – August 2019**

- Designed and managed a CLUE-inspired intern project web application to enhance the cyber security onboarding experience for employees.
- Road mapped an Infrastructure Instrumentation & Controls Capabilities Lifecycle to educate how data flows and is handled inbound, outbound, within and across, and around the enterprise.

**GIRLS WHO CODE** | Advisory Council Member & Student

**Sisterh>>d Advisory Council | July 2018 - October 2018**

- Collaborated with 40 women leaders around the world to promote the Girls Who Code Sisterhood campaign for International Day of the Girl.
- Publicized on social media with weekly "Sisterhood Sunday" posts, uplifting sisterhood content.

**7 Week Summer Immersion Program | New York, NY @ Pfizer | July 2017 - August 2017**

- Explored fundamental Computer Science skills (Scratch, Python with Turtle, Robotics in Arduino C, basic algorithms, and web development).

## Projects

**CYBER CLUE** | June 2019 – August 2019

Web application to educate Bank of America employees about cyber security and protecting data. Served as a Business Analyst and Junior Developer through the Agile framework by creating scrum artifacts, organizing backlogs and user stories in JIRA, and developed "Accusation" page.

**YOUTUBE STORE** | August 2017

Built the front-end of an unofficial [YouTube Store](#) using HTML / CSS to connect *YouTube* communities through merchandise in a team of 5 at Girls Who Code.

## Leadership Experience

**UNITED EAST ATHLETICS ASSOCIATION** | Instructor

**Fun Fun Saturday Program** | New York, NY | Summer 2017 - 2019

- Planned 10 weekly classes for NY Chinatown's youths in introduction to building computers, web development, and volleyball.