MICHELLE THAM

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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

Skills

Programming Languages

Java
HTML / CSS
MIPS Assembly
Python
R

Frameworks / Tools

Java Spring Boot
Slack API Library
Git
LaTeX

Organizations

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

Awards

Grace Hopper Scholar -
            (June 2020)
Bank of America GIS Finalist -
            (August 2019)
Dean's List – (Fall 2018 –
      Spring 2019, Spring 2020)

Education

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

Stony Brook, NY | GPA: 3.52 / 4.0 | Expected: May 2022

College of Engineering and Applied Science
Women in Science and Engineering (WISE) Honors College

Society of Asian Scientists and Engineers | Public Relations Officer & Historian
- Created 10+ flyers using Canva to advertise biweekly general body meetings on social media.
- Managed the SASE Facebook and Instagram by advertising general body meetings and events.
- Mentored group of 5 members in the duties of the executive board.

Technical Experience

AMERICAN EXPRESS | Software Engineer Intern

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

- Assembled a Slack integration using Java Spring Boot to retrieve project details from American Express' project record application though slash commands, global shortcuts, and API calls.
- Released integration to production for hundreds of developers in the Technology business unit to ease the search of American Express projects.

BANK OF AMERICA | Global Information Security – Cyber Security Technology Intern

Global Technology Freshman Summer Analyst | New York, NY | June 2019 – August 2019

- Served as a Business Analyst in the intern project web application Cyber Clue, a cyber detective game to educate all 209,000 Bank of America employees on how to protect their data.
- Advanced the Engineering Learning Tour by conducting three interviews with senior vice presidents in Cyber Security Technology (CST) Team to educate Global Information Security Department employees on their role and tools they use to secure the enterprise.
- 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

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.

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.