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.