Michelle Tham

EDUCATION

Stony Brook University; *GPA 3.50/4.00*   **Stony Brook, NY**
Bachelor of Science in Computer Science   *Expected Graduation: May 2022*
Women in Science & Engineering Honors Program

PROFESSIONAL EXPERIENCES

American Express   **Remote – New York, NY**
Digital Workplace, Software Engineer Intern   *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   **New York, NY**
Global Information Security, Technology Analyst Intern   *June 2019 – August 2019*
- Designed and managed a CLUE-inspired intern project web application to enhance the cyber security onboarding experience for employees.
- Illustrated and predicted how data is managed within the enterprise by presenting an Infrastructure Instrumentation & Controls Capabilities Lifecycle.

Girls Who Code   **New York, NY**
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.

Summer Immersion Program Student, Pfizer Inc.   *July 2017 – August 2017*
- Explored fundamental Computer Science skills (Scratch, Python with Turtle, Robotics in Arduino C, basic algorithms, and web development).

PROJECTS

Dynamic Memory Allocator   *March 2021*
- Implemented a custom dynamic memory allocator to efficiently utilize memory with malloc, realloc, free, and memalign functions.
- Used design strategies such as first-fit policy, immediate coalescing, block splitting in C.

COVID-19 Testing Portal   *December 2020*
- Web application with two end users to report, update, and view COVID-19 test results.
- Used web development tools such as HTML/CSS, Express JS, MySQL, Visual Studio Code.

Cyber Clue, *Bank of America*   *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 and organizing backlogs and user stories in JIRA.

ADDITIONAL INFORMATION

Programming Languages: Java, C, HTML/CSS, MIPS Assembly, Python
Frameworks/Tools: Slack API Library, Spring Boot, Git, Postman, LaTeX

Awards: Grace Hopper Scholar (June 2020), Bank of America GIS Intern Finalist (August 2019)
Leadership: Theta Tau ZE Chapter Secretary (Current), Rewriting the Code Campus Ambassador (Current), Women in Science & Engineering Mentor (2020 – Current), Undergraduate College Fellow & TA (2019)
Organizations: Built By Girls, Girls Who Code, Rewriting the Code, Society of Asian Scientists and Engineers, Theta Tau Co-ed Professional Engineering Fraternity, United East Athletics Association