MAY YANG

1 Glen Rd, Ardsley NY 10502 ▴ 914-920-1736 ▴ mayyang@umich.edu
www.linkedin.com/in/mayy-yangg ▴ http://mayzyang.github.io/

EDUCATION

University of Michigan 2019
Computer Science BS, Entrepreneurship minor
GPA: 3.5
Relevant Courses: Data Structures and Algorithms, Computer Organization and Hardware, Computer Security

EXPERIENCE

Teaching Staff   Girls Who Code at BlackRock   6/18 - present
- Lead an engaging and accessible classroom daily for 20 high school girls interested in Computer Science
- Teach hard and soft skills including Python, HTML, JavaScript, Data Science, Robotics and Algorithmic Design, through leading coding demonstrations and assisting in debugging
- Lead communications between Girls Who Code headquarters, guest speakers, and BlackRock employees

Teaching Assistant   University of Michigan   9/17 - present
- Selected by professors in the Electrical Engineering and Computer Science department to hold 6 tutoring sessions weekly for students in the Introductory Programming course
- Assist students with projects and exams in order to solidify fundamental Computer Science concepts

Campus Ambassador Correlation-One   8/18 - present
- Create unique marketing plans for a Hackathon, while addressing student interests and business needs
- Interact with numerous campus organizations to create partnerships and secure venue resources

PROJECTS

Stock Market Simulator
- Used pairing heaps, priority queues, and object oriented design to optimize a trading algorithm in C++

Log Manager
- Used C++ to read and classify tens of thousands of log entries, to allow for efficient searching and sorting

ZooKeeper: Graph Searching
- Implemented Prim's Minimum Spanning Tree in C++ to find the shortest path for feeding animals in a zoo
- Developed precise Branch and Bound algorithms to determine cost efficient routes for a cyclic water canal

My Choice: Girls Who Code
- Collaborated with 2 peers to create an interactive "Choose Your Own Adventure" web game in HTML, that brings awareness to intersectional feminism and the micro-aggressions young girls face daily

SKILLS AND AWARDS

EECS183 Showcase Winner   12/16
- Awarded by engineers at TD Bank and Facebook for an arcade-style Tetris game, wired using a breadboard and implemented using Arduino and C++

William J. Branstrom Freshman Prize   2/17
- awarded to first year students who place in the top 5% of their class

Grace Hopper Award for Excellence in Computer Science   5/16
Computer Languages: C/C++, Python, Java, HTML, CSS, JavaScri

LEADERSHIP

A New Reality Tech Summit   Mentor and Facilitator   8/18

Society of Women Engineer   Ambassador   9/16 - present

Gamma Phi Beta   Merchandise Chairwoman- Social Media/Public Relations Team   12/17 - present