Mary Karroqe

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Experience

Teaching Assistant, Introduction to Engineering and Design, NYU General Engineering
- August 2017 - Present
Led laboratory classes where I helped students develop technical and professional skills. Administered quizzes, graded lab reports, and led lessons on various general engineering concepts in electrical, civil, and software engineering.

Freelance Web Developer, Self - September 2015 - Present
Developed websites for both large and local small businesses. Developed proficiency in Wordpress CMS, and Bootstrap and Materialize frameworks.

Software Engineering Intern, Honeybee Robotics - September 2016 - January 2017
Developed an autonomous program in Python for an in-office robot during my first semester of college. Worked in the Linux operating system and developed comfort in using the Unix terminal.

Lead Organizer, The Young Hackers - March 2015 - July 2016
Inspired middle and high school students to explore careers in STEM by helping organize several MLH hackathons. I acquired sponsors and mentors, led introductory coding workshops, and mentored participants.

Education

New York University, Tandon School of Engineering
BS Computer Engineering; September 2016 - May 2020, expected
Society of Women Engineers

Brooklyn Technical High School
Software Engineering Major; September 2012 - June 2016
FIRST Robotics, Vice-President of Cyber Security Club, Vice-President of Young Women's Leadership Club

GenCyber Summer Program, Cyber/Computer Forensics and Counterterrorism, New York University - July 2015

Girls Who Code Summer Immersion Program, AT&T - July 2014 - August 2014

Awards

NCWIT Aspirations in Computing New York Affiliate Award Winner - January 2015, 2016

NCWIT Aspirations in Computing National Award Runner-Up - January 2015, 2016

3rd Place Grand Prize Winner, PennApps XII - September 2015
My team's project, SemQuery, a semantic search engine for code, placed 3rd in an event of 2000 competitors.