

Whitney Mulhern

Consistently improves product usability, security, and correctness with clean and efficient code.

EXPERIENCE

IBM

New York, NY

Software Engineer

- Develop new features of an internal onboarding tool with small team using ReactJS
- Debug 20,000 LOC codebase of internal onboarding tool

IBM

New York, NY

Security Engineer

- Corrected 100s of database errors per day with a JavaScript agent (~100 lines of code)
- Drove and ensured GDPR compliance ahead of schedule from 100+ IBM development teams
- Improved security awareness in my organization by curating a training course of security best practices

LGS Innovations

Florham Park, NJ

Cyber Security Research Intern

- Designed an Intrusion Detection tool for a commercial IOT device using ML, R, & python
- Debugged and improved usability of a 10,000+ line codebase

NYU Courant Institute of Mathematical Sciences

New York, NY

Research Assistant

- Proved compatibility by developing a secure JavaScript client, which interacted with a C++ back end
- Co-wrote the research paper published in Networked Systems Design and Implementation 2016

EDUCATION

B.S. Computer Science, New York University

B.S. Computer Engineering, New York University

PUBLICATIONS

“Scalable and private media consumption with Popcorn” NSDI’16.
Gupta, T.; Crooks, N.; **Mulhern, W.**; Setty, S.; Alvisi, L.; and Walfish, M.



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RECOGNITION

2016

Influenster Code Like a Girl
Scholarship

2012

Women in Science and
Engineering Award

SKILLS



C++

Python

React

Linux

JavaScript

C

SQL

Unix



Java

PHP

Ruby on Rails

ASM

INTERESTS

Systems Code

Dance

Theater

My Dog Teddy