

PRESTON RAKOVSKY

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EDUCATION

Northeastern University, Boston, MA

Candidate for BS in Cybersecurity and Business

Activities: Northeastern University Alliance for Civically Engaged Students

GPA: 3.5 | Dean's List

Expected Graduation Date: May 2022

South Side High School

Advanced Regents Diploma

Rockville Centre, New York

PROJECTS

Smart Mirror (HTML/CSS/Javascript)

Engineered mirror with futuristic style widgets, displaying current weather, time, news headlines from New York Times, and calendar synced with Apple iPhone Calendar. Made with a Raspberry Pi, Raspbian operating system based. 2019

Homie (HTML/CSS/Javascript)

Built website that provides locations (using Google Maps API), phone numbers, and descriptions of the nearest shelters for housing based on specific benefits with a team in 36 hours at Wellesley Hackathon 2018

COMPUTER KNOWLEDGE

Languages: Java, HTML, CSS

Familiar With: Kali (Linux), Bettercap, Javascript, SQL, Google Analytics, Git

Technologies/OS: Windows, MacOS

WORK EXPERIENCE

5/2019-8/2019 **ING Financials LLC, IT-Development Solutions Intern (Java)** New York, NY

- o Spearheaded the development of an interactive SQL Mapping project featuring server-side credential validation, prevention against SQL injections and live updates to the SQL server
- o Engineered various automation projects for internal departments using Robotic Process Automation featuring Javascript and limited VBScript
- o Facilitated the advancement of an existing reporting tool for Regulatory Taxes using *Apache Tomcat* and *JSP*
- o Trained new interns on basic procedures and integrated them into ongoing projects

VOLUNTEER EXPERIENCE

9/2019-11/2019 **NU SPLASH, Cybersecurity Co-Teacher** Boston, MA

- o Developed cybersecurity curriculum for High School students about the basics of offensive security techniques from several OWASP Top 10 vulnerabilities, cryptographic hash and salting, and basic networking
- o Led two sections of the above class with a co-teacher; both sections of the class were completely filled

9/2018-Present **Sustainable Business Network, Business Relations and Interviewer** Boston, MA

- o Coordinated with local businesses of Boston to schedule interviews
- o Organized and interviewed CEOs of businesses in the Greater Boston Area about their business practices

RELEVANT COURSES

- o Foundations of Computer Science I & II (Java, Introduction to Data Algorithms)
- o Fundamentals of Data Science (Python) (Completed by April 2022)
- o Fundamentals of Cybersecurity (XSS attacks, SQL Injections, Private and Public Keys)