

PRESTON RAKOVSKY

(347)-405-1386 | Personal Website: prestonr.xyz | rakovsky.p@husky.neu.edu

EDUCATION

Northeastern University, Boston, MA

BS in Cybersecurity and Business Candidate

Activities: Northeastern University Alliance for Civically Engaged Students

GPA: 3.3

Expected Graduation Date: May 2022

South Side High School

Advanced Regents Diploma

Rockville Centre, New York

PROJECTS

Smart Mirror: Mirror with futuristic display of widgets that show current weather, time, news headlines from New York Times, and calendar synced with iPhone Apple Calendar. Made with a Raspberry Pi, Raspbian operating system based Pictures available upon request. 2017-2018

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

Languages: HTML, CSS

2018

* Won "Best Use of One-DB" Award at Wellesley Hackathon

Personal Computer: Built desktop computer from individual parts

2016

RELEVANT COURSES

- Fundamentals of Computer Science 1 & 2 (*Java*)
 - Introduction to the fundamental ideas of computing and the principles of programming
 - Discusses a systematic approach to word problems, including analytic reading, synthesis, goal setting, planning, plan execution, and testing
- Foundations of Cybersecurity
 - Presents an overview of basic principles and security concepts related to information systems, including workstation security, system security, and communications security
 - i.e. XSS Attacks, SQL Injections, Password Cracking
- Algorithms, Object-Oriented Design, Computer Systems completed by April (2020)

WORK EXPERIENCE

5/2019-8/2019

ING Financials LLC, IT-Developer Solutions

Rockville Centre, NY

- Spearheaded the development of an interactive SQL Mapping project featuring server side credential validation and live updates to the SQL server
- Engineered various automation projects for internal departments using Robotic Process Automation featuring Javascript, and limited VBScript
- Assisted in facilitating the advancement of the existing reporting tool for Regulatory Taxes using *Apache Tomcat* and *JSP*

VOLUNTEER EXPERIENCE

10/2019-12/2019

NU-SPLASH: Cybersecurity Co-Teacher

Boston, MA

- Will be teaching an accelerated class on the basics of offensive security techniques (XSS attacks, SQL injections, password cracking) and the importance of security in today's environment

9/2018-6/2019

Sustainable Business Network-Business Relations and Interviewer

Boston, MA

- Communicate with businesses of Boston to schedule interviews
- In charge of interviewing the CEOs of businesses in the Greater Boston Area about their business practices