

Ighor F. Tavares

749 Leland Ave. Apt. 1 · Saint Louis, MO 63130 · 402-745-0044 · f.tavares@wustl.edu · <https://ighortavares.com/>

Summary

Motivated master's in cybersecurity engineering student at Washington University in Saint Louis seeks internship and job opportunities to gain experience in the practical application of computer science and cybersecurity. Applicant is eager to learn new skills, is hard working, and flexible.

Education

Washington University in Saint Louis

Masters in Cybersecurity Engineering (Current - 2020)

Bachelor of Computer Science (Current – 2019)

St. Louis, MO

GPA 3.17 /4.0

York College

Bachelor of Natural Science

Minor: Mathematics, Graduated: May 2017

York, NE

GPA 3.77/4.0

Advanced Engineering Coursework: Data Structures and Algorithms, Software Engineering Workshop, Object-Oriented Software Development, Intro to iOS Programming, Computer Architecture, Systems Security, Analysis of Network Data, Rapid Prototype Development, Analysis of Algorithms, Advanced IoT and Embedded Systems security

Technical Skills

Programming Language: Proficient in Python, C++. Familiar with C, Swift, PHP, JavaScript, HTML, Shell Script

Software: Git, MS Office, Eclipse, Visual Studio

Hardware and Platform: Arduino, Raspberry Pi, Linux, Kali Linux, MySQL, Metasploit, Wireshark

Languages: Portuguese (Native), English (Fluent)

Related Experience

Teacher Assistant (TA), Washington University in Saint Louis, CSE 523

Fall 2018

- Held Office hours 6 hours/week with an average of 20 students.
- Prepared/corrected tests, helped develop labs, and ran review sessions

IT Student Technician, Washington University in Saint Louis

Fall 2018

- Resolved issues regarding networking (wired, wireless), and hardware problems for Library staff
- Answered questions and provided support about software supported by the Library IT Department
- Provided weekly vulnerability check in our systems and MySQL database management

Web Scraping Student Assistant, Washington University in Saint Louis

Spring 2019

- Collaborated with a team to write web scraping python scripts to gather articles and images metadata
- Gained experience with web-scraping python libraries and data analysis tools

Student Penetration Tester, Washington University in Saint Louis

Summer 2019

- Conducted penetration test on public and staff machines from an insider threat perspective
- Developed malwares and phishing e-mails to test integrity of deployable computer images.
- Penetrated library network utilizing various methods and techniques (withheld for operational security)

Projects

Recepino, Washington University in Saint Louis

Spring 2018

- Designed culinary product and website for Software Engineering Workshop
- Worked with ESP8266, HTML, PHP, JavaScript and MySQL
- Gained experience with hardware-software communication, IoT, Embedded systems, and web design

SIUE eHacks (Community Impact Winner), T-REX Saint Louis

February 2019

- Collaborated with a team of four to develop a communication platform for college students
- Programmed an iOS application with swift, XCode and SQLite
- Designed interactive showcase website with HTML, PHP, CSS and JavaScript