

Lenin Estrada

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EDUCATION

Northwestern University, Evanston, IL

Robert R. McCormick School of Engineering and Applied Science

Bachelor of Science – Computer Science; September 2016 - June 2020 (Expected)

GPA: 2.965 (Cumulative); 3.531 (Major)

Relevant Coursework: Operating Systems, Networking, Machine Learning, Data Structures, Discrete Mathematics, Internet Security, Digital Forensics, Network Penetration & Security

RELEVANT EXPERIENCE

*Internships were once/twice a week during the time frames

8/14 - 6/15 **Huron Consulting Group**, Chicago, IL

8/15 - 6/16 *IT Technical Support Intern*

- Install and configure Windows and OS X operating systems on new and refurbished company laptop and desktop computers
- Communicate problems and solutions to team members and non-technical audiences to help resolve software-related issues with client devices
- Fulfill equipment movements and replacements across the company for endpoint devices and related equipment as required
- Ensure compliance of endpoint equipment and delivery standards in accordance with IT department guidelines
- Utilize MS Office Suite tools (Word, Excel, Outlook) to complete data entry tasks related to endpoint hardware management
- Operate as a Spanish interpreter for Spanish-speaking clients

8/13 - 6/14 **Morgan Stanley**, Chicago, IL

IT Intern

- Ensure proper security protocols were implemented with returned endpoint devices and sensitive information contained therein
- Provide technical support to employees from various divisions across the company and projects as required
- Utilize basic and advanced troubleshooting techniques to solve various software-related issues
- Ensure organization of inventory for quick retrieval of essential tools and endpoint devices needed to resolve software and hardware related client issues
- Troubleshoot and resolve mobile device issues (iPhone and Blackberry models)

PROJECTS

Winter 2020

ETW Real-Time Detector

- Extend the current capabilities of MORSE, an IDS capable of detecting Advanced Persistent Threat (APT) campaigns in real-time while generating a compact scenario of suspicious events
- Modifications consisted of implementing tag decay and tag attenuation functionality, as well as propagation policies to further mitigate false positive dependency explosions

Fall 2020

ICMP Ping & Traceroute

- Developed custom Ping and Traceroute applications in Python adhering to RFC 1739 specifications

Spring 2019

xv6

- Implement system calls to extend functionality on the xv6 operating system such as file system tagging, threading, copy-on-write fork, and ps shell command

Instagram Scraper

- Implement a quick way to download and scrape data from an Instagram post, as well as automate various functionalities such as following, liking, and commenting on user posts to grow account following
- Amassed thousands of followers in a matter of weeks by letting tool run in the background

LANGUAGES & TECHNOLOGIES

Python, C++, C, MATLAB, bash, HTML, CSS, JavaScript, Ruby, Java, x86 Assembly, VMware Workstation Pro, Oracle VM VirtualBox, UNIX, Kali Linux, Wireshark, Anaconda, John the Ripper

FOREIGN LANGUAGES

Spanish (Native), French, Japanese, German (Intermediate), Polish, Russian (Elementary)