

JUSTIN LOWELL

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EXTRACURRICULARS

- Officer for Cyber Defense Club
- Cyber Patriot Mentor in conjunction with Airforce
- Member of Robotics Club

ACCOMPLISHMENTS

- Created and managed a database using SQL Server, Access, and Excel
- Helped programmed the distance server on a Mars Rover prototype using C++
- Created a Battleship Game using C++ on Visual Studios
- Worked with a security team on a DHS Criminal Investigations and Network Analysis Center (CINA) project
- Setup and managed a virtual network Using VMware vSphere
- Competed in MetaCTF and placed 10th out of 1,017 student teams
- Securing a Windows 2016 server with applications using STIGs and CVEs
- Developed a Website using Hugo static generator for Cyber Defense Club
- Completed multiple Hack The Box challenges

AWARDS

- Recipient of Virginia's Scholar Scholarship and Liberty's Academic Scholarship
- Dean's List 2017-2020

PROFESSIONAL SUMMARY

Enthusiastic Computer Science Major with a dual concentrate in Cyber Security and Web & Mobile Development. Currently looking for a job in Network Security and Administration.

EDUCATION

Liberty University - Lynchburg, VA - graduation in May 2021

B.S. in C.S. with a dual concentrate in Cyber Security and Web & Mobile Development (ABET)

SKILLS

- Proficient in C++, Assembly (x86), SQL, JavaScript, HTML, XML CSS, MATLAB and Python
- Tools and Technologies -
 - ◇ Monitoring traffic with Wireshark and TCPdump
 - ◇ Logging using Graylog and Syslog
 - ◇ Configuring firewalls such as pfSense UFW, and Iptables
 - ◇ Reverse engineering using Ghidra
 - ◇ Creating an ELK stack and Virtual Environment using Docker Containers
 - ◇ Setting up and administering a database using SQLServer and MySQL
 - ◇ Developing a website and hosting it using Hugo and GitHub
 - ◇ Creating virtual networks and environments using VMware and VirtualBox
- Database Management and Data Security
- Windows and Linux server Administration and Configuration
- MS Office - Word, Excel, Access, Powerpoint, Outlook, Publisher
- Conversational Spanish
- Strong spoken and written communication skills

WORK HISTORY

Liberty University Center for Cyber Excellence Representative

Lynchburg, VA - 10/2020 - Present

- Collaborate with Cyber Defense Club and Collegiate Cyber Defense Competition Team leadership to generate internship opportunities for students

JCrew - Assembly

Lynchburg, VA - 05/2020 - 08/2020

Alpine Ministries - Adventure Facilitator

Fayetteville, WV - 05/2019 - 09/2019

Papa John's International Inc - Delivery Driver

Lynchburg, VA - 06/2015 - 10/2018

TPC Restoration - Home Restoration

Moneta, VA - 05/2016 - 08/2018