

Joshua Kemp

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Objective Statement

Software/Network engineer comfortable in fast-paced learning environments, while consistently delivering high quality results. A desire for a dedicated team-driven workplace willing to adapt and change allowing me to learn and grow my development skillset.

Education

James Madison University

Harrisonburg, VA

Bachelor of Science in Computer Science (GPA: 3.5) President's List

May 2020

Minor in Telecommunications (GPA: 4.0)

- Cyber-defense club
- Madison Motorsports

Major and Minor Coursework

- Course work including 4 semesters of Java, 5 semesters of C and system design
- Operating Systems, Cryptography, Information Security, Database Design and Applications
- 2 Semesters of Discrete Structures, Advanced Calculus, Networking and Security, Internetworking, Programming Languages, Cyber Defense, and Cloud Computing

Related Experience

JMU ISAT Teacher Assistant

Harrisonburg, VA

ISAT 461 Internetworking TA

January 2020 – Present

- Helping with coordinating, instructing and grading regarding ISAT (Integrated Science and Technology) 461 – Internetworking
- Course content including internetworking protocols, STP, RIP, OSPF, BGP along with Linux and Virtual Machine usage and integration with an emphasis on Python Programming

JMU SDN Student Researcher

Harrisonburg, VA

Software/Network Engineer

August 2019 – Present

- Researching one-on-one with JMU Telecommunications head professor, discovering and developing software defined networks with remote Linux servers and virtual machines
- Developing REST API based applications to communicate with SDN controllers
- Exploring and implementing cloud computing environments such as OpenStack and AWS

Madison Connect HUB

Harrisonburg, VA

Software Developer

February 1, 2018 – October 2018

- The Madison Connect HUB creates cross discipline partnerships of JMU faculty, students, alumni and the local community for sharing project ideas and to be the change the world needs.
- Working remotely with a Microsoft stack that uses ASP.Net MVC, C# and SQL Server and develop the HUB website to interact with users and communicate with databases using Java, C#, PHP, JavaScript and HTML

Skills

- Proficient in Java, C, C#, HTML, CSS, JavaScript, Python, and the constant desire to learn more
- Information Systems Security Professionals NSTISSI No. 4011 certification candidate
- Resourceful, energetic with extensive knowledge of system design, programming and networking