TIMOTHY
MARDESEN

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OBJECTIVE

Graduate Student at Western Illinois University majoring in Computer Science with an emphasis in Cyber Security. Seeking part-time or remote employment until Master of Computer Science degree is completed in May 2021, as well as seeking full time employment after graduation.

EDUCATION

Masters | Western Illinois University
2019 – 2021

MCS, President of Cyber Security Enthusiasts Club, created Android application with Java 12 & LibGDX framework that is on Play store: View Lost in Peril here

Bachelors | Western Illinois University
2016 – 2019

Emphasis Cyber Security, President of Cyber Security Enthusiasts Club, Member of Computer Science Association, Minor in Agriculture.

AA | Black Hawk College
2014 – 2016

Freshman Vice President and Sophomore Treasurer of the Agribusiness club, Member of Livestock Judging Team.

EXPERIENCE

DevOps Intern | GreatAmerica Financial Services, Cedar Rapids, Iowa
DECEMBER 2019 – AUGUST 2020

Introduced Docker to the company, implemented Kubernetes to deployment environment, configured TeamCity & Octopus Deploy pipelines for Continuous Integration Automation

Service Desk Triage Intern | GreatAmerica Financial Services, Cedar Rapids, Iowa
MAY 2018 – AUGUST 2019

Updated entire company to Windows 10, legacy software support, excelled at Virtual Desktop Infrastructure troubleshooting, experienced enterprise IT environment.

Apprentice Electrician | Stutsman Inc., Hills, Iowa
2012 – 2015

Ethernet cable/receptacle termination, breaker panel maintenance, electrical outlet & light fixture installation, maintained HVAC system.

Sales Representative | Sullivan Supply, Hillsboro, Texas
2013 – 2015

Configured card machines & computer systems, researched new products, offered customer service in a high volume, fast paced environment.

SKILLS

Java:
- LibGDX, SpringBoot, Play frameworks
- Swing, JavaFX, OpenGL GUI development
- Android programming/debugging
- Jenkins & TeamCity pipelined projects
- Ant/Maven/Gradle configured builds
- Porting code to Kotin, Scala, Groovy
- Junit, Mockito, JMeter testing frameworks
- Code in Kotlin, Scala, Groovy

Python:
- Pandas, Django, Flask, PyGame, Selenium
- Familiar with PyTorch, TensorFlow
- Coded custom port scanner, CVE exploiter

SQL:
- Oracle, MS SQL server, Postgres
- Experience with RedGate DBA tools
- Familiar with NoSQL, MariaDB

Web Development:
- HTML, CSS, SCSS, JavaScript, TypeScript
- Proficient in Angular 8, NodeJS
- Tomcat, Apache, NGrok security patterns
- Used GitHub Pages for app Documentations
- Familiar with CoffeeScript, Karma Testing

Docker:
- Proficient with Windows/Linux Containers
- Dockerfile configuration & health checking

More:
- Google Cloud Platform completed training
- Bash & PowerShell Scripting
- Linux/Windows server management
- Basic usage of Unity, Photoshop, Blender
- Skilled in: C, C#, Helm, Azure & AWS DevOps
- Security: Nmap, Armitage, Aircrack-ng Suite
- Kali Linux: Metasploit, Maltego, OWASP ZAP

ACTIVITIES

I was elected the Leadership Director on the National Junior Angus Association Board of Directors serving for 2 years, elected as Iowa Junior Angus Association's President for 3 years, and I am also currently President of the CSEC club at Western Illinois University, conducting CTF competitions on campus. I am as great of a listener as I am a leader. I traveled extensively throughout the nation and in Canada for leadership conferences, and even hosted my own leadership conference for over 250 national youth members, which was held in North Carolina. In my free time I continue to research the newest CVE insecurities, configuring my android phone with custom kernels/operating systems, or exploring new technologies to create projects with.

REFERENCES

Dr. Dan Hoge

Professor, Black Hawk College East Campus

(309) 854-1836

Jaclyn Upperman

Junior Events Director, American Angus Association

(816) 383-5147

Travis Curtin

Owner, Masterbuilt Concrete

(319) 533-6923