Cody Stephenson

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Education

Louisiana Tech University
Bachelor of Science in Cyber Engineering,
Minor in Mathematics
Graduated: May 2018

Relevant Coursework

Software Design and Engineering, Data Structures, Operating Systems, Discrete Math, Computer Programming, Embedded Systems, Computer Networks, Network Security, Digital Forensics and Steganography

Experience

RPG Manager - Personal Project
- Utilized the MERN stack to create an application to manage RPG characters
- Incorporated Passport.js for user authentication
- Created an express-based back end with a RESTful API to interact with user data
- Developed an interactive User Interface using React and Redux

CyberStorm Hacking Competition
- Identified and attacked vulnerabilities of wireless networks
- Defended host server and virtual machines from networked and physical attacks
- Solved programming, encryption, steganography, and cryptography based challenges
- Designed and implemented wireless network challenge involving WEP and WPS

Computer Architecture Robotics Competition
- Worked with a team to create an autonomous equation sketching robot
- Modeled and created 3D printed components
- Solved issue of precise movement with a track system for 2-directional movement

IEEE member and contestant in the IEEEXtreme 24-hour Programming Competition

Technical Skills

Languages: C, C++, Python, Java, Javascript, Assembly, Verilog
Software: Git, Node.js, NPM, React, Express.js, PostMan, Sublime, Atom, Vim
Operating Systems: Windows, Linux, Unix, FreeRTOS

Work History

Electrician's Apprentice at JBI Electric – 2015
- Worked with a team to build a Kroger's grocery store in Bossier City, LA.
- Installed lighting fixtures, operated machinery, implemented circuits

Maintenance Crew at Loan Oak Homes – 2011
- Construction cleanup, property maintenance, machinery maintenance

Electrician's Apprentice at Cypress Electric – 2010 – 2015
- Wired residential and commercial buildings