Dakota Lester

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Academic Profile

Job Qualifications: My interest in cybersecurity and software development was originally a hobby that I wanted to turn into a career. I have maintained a 3.05 GPA between two universities, while working part time. I will bring the required skills, energy, and commitment to your organization as a full-time employee.

Technical Skills:

- Proficient in C/C++, Java, and Python
- Experience programming in MATLAB, MIPS, SML, HTML, and CSS
- Microsoft Visual Studio
- MS Office
- Knowledge of Operating Systems internals such as process scheduling, memory management, system exceptions, and threads
- Proficiency in TCP/IP, IPv6 and DNS management
- Ability to use Wireshark, nmap, and other network troubleshooting tools
- Knowledge in the security of Windows/Windows Server, Mac, and Linux operating systems
- Experience in Active Directory and System Center Configuration Manager 2012
- Experience with the use of Git and Confluence

Key Strengths:

- Exceptional analytical and problem-solving skills
- Excellent communication skills both verbally and in writing
- Proficient in producing clear and thorough technical documentation that is easy to understand
- Ability to work in a group or by myself with or without supervision and be able to complete the tasks required.

Education

State University of New York at Buffalo (UB): B.S. Computer Science and Engineering   **Expected: May 2018**
Overall GPA: 3.00
August 2015 - Present
Course Highlights:

- Computer Organization
- Software Engineering
- Theory of Computation
- Sequential/Parallel Algorithms
- Pattern Recognition
- Functional Programming

State University of New York Polytechnic Institute (SUNYPI): B.S. Computer Information and Science
August 2013- May 2015
Overall GPA: 3.10
Course Highlights:

- Discrete Mathematics
- Data Structures
- Operating Systems and Networking

Projects

Dakotale.github.io (Personal Website)   **December 2016 – Present**

- This website is coding with HTML and CSS as a "central hub" of all my personal files and links. These include; my resume, GitHub, LinkedIn, and my contact email.

Schedule Me Android Application   **September 2016 – December 2016**
University at Buffalo, Buffalo, NY

- This is an android application that solves the issue of groups or co-workers not being able to schedule meetings due to time conflicts. The app links to the user(s) Google Calendars or the user(s) can insert their schedule manually. The app will automatically estimate the time the user(s) in a group are all available and what their location will be at that time. This application also syncs with Google Maps to map the distance between users to find a common meeting place that is convenient for everyone.

Work Experience

IT Consultant   **August 2015 – May 2018**
Enterprise Infrastructure Services, University at Buffalo

- Provide mainstream support for approximately 20,000+ end users. Generate documentation used to describe how processes can be easily understandable. Use of software including; System Center Configuration Manager 2012 and DNS management. Experience with domain name requests including IPv4, IPv6, MAC Addresses, and Canonical Names. Other daily responsibilities included file/email restores, active directory requests and end-user troubleshooting.

Undergraduate Teaching Assistant   **January 2017 – May 2017**
University at Buffalo

- A Teaching Assistant for "Intro to Computer Science I", helping around 300 students with the understanding of concepts related to Java, JavaScript, JSON, and Algorithms. Held office hours for students to help further the understanding of concepts, homework, and projects associated with the course.