Nikolai Shields

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Objective

To secure a career that embraces my systems administration skills and utilizes and fosters my perl skills.

Education

University of West Florida (Pensacola, FL) *B.S. in Software Engineering*, (May 2015 - May 2018)

President, Cybersecurity Club   **Most Creative,** Codefest 2017   **Recipient,** SURP Grant

Pensacola State College (Pensacola, FL) *A.A. in General Studies*, (January 2014 - April 2015)

Skills

Programming : Perl, Python, Bash, Java, LaTex   **Software :** Docker, Ansible, Kubernetes, Nginx, Apache
Linux : Debian, Ubuntu, Centos, Redhat, Nixos   **Workflows :** Jira, Spiceworks, Git, Agile
Virtualization : Xenserver, Xencenter, VMWare Suite   **Hardware :** Enterprise Hardware, Raspberry pi

Experience

Mainline, Houston, TX - IT Operations Manager, (August 2019 - October 2019)

- Create and maintain IT infrastructure for new offices
- Analyze operating costs and work with vendors to reduce expense without reducing capabilities
- Oversee the definition, development, and delivery of IT solutions
- Lead projects designed to further product, content and business development

The Acosta Agency, Pearland, TX — Systems/Network Administrator, (August 2018 - August 2019)

- Developed a scraping program in python to aggregate client data, saving CSR's 6-8 months of labor
- Implemented scripts to bulk process relevant business data, rendering day-to-day business paperless
- Provide daily IT support for core and remote offices
- Maintain, Upgrade, Install new and existing IT infrastructure
- Implemented corporate compliance security standards

University of West Florida, Pensacola, FL — Research Assistant, (June 2015 - July 2018)

- Developed forensic procedures by testing industry toolsets on smart devices
- Aided in the development of a Software Assembly Pipeline
- Designed and administrated a 32 Node cluster-computer
- Fabricated 3D food printing mechanisms
- Modeled hydrodynamic drag forces of satellite tags on marine life
- Developed a cyber-range for security training, competition, and research in collaboration with IHMC

University of West Florida, Pensacola, FL — Server Technician, (June 2015 - November 2016)

- Administrated Linux, Windows, Mac, and Unix systems
- Managed switch, router, and firewall configurations
- Facilitated desktop support
- Configured both hardware and software for testing and development environments

Self Employed, Pensacola, FL — Freelance IT Consultant, (November 2016 - Present)

- Switch, Firewall, and Wireless configuration
- Web Development and website maintenance
- Optimized client technology use for day-to-day business tasks
- Small business networking solutions

University of West Florida, Pensacola, FL — Teacher's Assistant, (August 2016 - December 2016)

- Created cybersecurity coursework for an emerging degree plan, under the new College of Cybersecurity
- Tutored students in fundamentals of cybersecurity and ethical hacking