

Nikolai Shields

3410 Old Holly Dr Pearland, TX 77584

✉ contact@nikolaishields.com ☎ +1 850 501 8951 🌐 nikolaishields.com

Education

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

Founder & President, Cybersecurity Club

Most Creative, Codefest 2017

Recipient, SURP Grant 2018

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

Skills

Programming : Bash, Python, HTML/CSS, C, Java, Latex, R Markdown

Hardware : Enterprise Hardware, Arduino, Raspberry pi

Virtualization : Xenserver, ESXi, vSphere, vCenter, XenCenter

3D Modeling : Autodesk Inventor, Autodesk Fusion 360, Solidworks

Workflows : Jira, Spiceworks, Git, Agile

Automation : Docker, Docker Swarm, Jenkins

Experience

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

- Developed a scraping program 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 - May 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
- Manufactured and designed custom parts and tools using CNC machines and 3D printers
- Developed a cyber-range for security training, competition, and research in collaboration with IHMC

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

- Increase client satisfaction and productivity
- Web Development and website maintenance
- Optimized client technology use for day-to-day business tasks
- Mail server configuration
- Small business networking solutions

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
- Administrated ESXi and Xenserver hypervisors
- Facilitated desktop support
- Configured both hardware and software for testing and development environments

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
- Developed, tested, and tutored student laboratories on fundamentals of cybersecurity and ethical hacking