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Austin J. Derbique

177 Sanford St, Encinitas, CA 92024
Phone: +1 (858) 207-8920
Email: austinjderbique@gmail.com

LinkedIn Profile

Education:

Graduation: Dec. 2017, Bachelor of Science at Utah State University – ABET Accredited
Major: Computer Science **Minors:** Mathematics, Physics **Overall GPA**: 3.0, **CS GPA**: 3.45
Favorite Course Topics**:** Scientific Programming, Discrete Mathematics, Computer Security

Certifications:

May 2019: **AWS Certified Solutions Architect – Associate;** verify: NR4J5522D241QB34

Work Experience:

Feb 2018 – Present: **Cloud & DevOps Engineer at Viasat Inc. in Carlsbad, CA**
Architect, implement, & deploy HA, NIST 800-171 compliant workloads in multi cloud environments using Ansible & Cloudformation.
Leading the migration to containerized applications in Kubernetes.
Leading the push to use Gitlab CI in place of Jenkins.

May 2017 – August 2017: **Embedded Test Development Intern at Viasat Inc. in Carlsbad, CA**
Embedded Kernel Development on FPGAs
Automation of Build & Test Procedures using Yocto & Python

January 2016 – Dec. 2016: **Design Engineering Intern at Samsung Electronics in Logan, UT**
Firmware & hardware prototype testing
PCB design & layout for visual displays
BOM management for Samsung ERP systems

June 2015 – August 2015: **RF Engineering Intern at Infineon Technologies in Munich, Germany**
Performed radio frequency measurements (S-Parameter, Harmonics)
Assembly & verification of evaluation boards
Automation of measurement processes in Matlab

Technical Skills & Strengths:

Security & Compliance: Extensive knowledge dealing with ITAR, FOUO, PCI, & GDPR Data
Languages: Shell, Python, C++, Java, Matlab, Haskell, Prolog, Verilog
Tools & Platforms: Ansible, Docker Swarm, K8s, ELK, Grafana, CI/CD, Jupyterhub
Philosophies: Git, Agile, OOP, AWS Well Architected, CIA Triangle, SSHCA, HA
Professionalism: Highly Motivated, Detail Oriented, Excellent Communication with Peers

Fun Projects:

Autonomous Drone Project using OpenCV in Python
Software Developer for Autonomous Submarine team (Club on Campus)
Completed many of the SEED security labs, ranging easy to hard