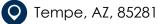
Austin Derbique

Software Engineer



(858) 207-8920

austin@derbique.org

in www.linkedin.com/in/aderbique

Excellent

Excellent

Very Good

Excellent

www.github.com/aderbique

www.derbique.org

Forward-thinking Software Engineer with background working effectively in dynamic environments. Fluent in Python and Bash programming languages used to develop software within large scalable workloads. Proud team player focused on achieving project objectives with speed and accuracy.



Skills

Cloud Architecture

Computer Security & Compliance

Backend Development

Communication with Peers

Containerization & Virtualization

Work History

Software Engineer, VICE

Viasat, Tempe, AZ

Working to build out a global identity system scaling to thousands of users across multiple partner companies in AWS without using VPCs. Additionally responsible for developing & maintaining Viasat Cloud Engineering products (VICE).

Software Engineer, Operations

Viasat, San Diego, CA

Architected, implemented, & deployed HA, NIST 800-171 compliant workloads in multi cloud environments using Ansible & Cloudformation. Led the migration to containerized applications in Kubernetes. Led the push to use Gitlab CI in place of Jenkins.

Embedded Test Development Intern, Operations

Viasat, San Diego, CA

Performed embedded kernel development on FPGAs as well as build out automation and test procedures using Yocto & Python.

Design Engineering Intern

Samsung Electronics, Logan, Utah

Performed firmware & hardware prototype testing. Created & updated PCB designs & layouts for visual displays. Responsible for BOM management of

2021-03 - Current

2018-02 - 2021-03

2017-05 - 2017-08

2016-01 - 2016-12

2015-06 - 2015-08

2020-08 - Current

2013-08 - 2017-12

2019-04

visual displays for Samsung ERP systems.

Radio Frequency Engineering Intern

Infineon Technologies, Munich, Germany

Performed radio frequency measurements (S-Parameter, Harmonics). Assembled & verified evaluation boards. Wrote automation of measurement processes in Matlab.



Education

Master of Science: Computer Science

Arizona State University - Tempe, AZ

Bachelor of Science: Computer Science

Utah State University - Logan, UT

- Minored in Mathematics, Physics
- Dean's List Spring 2017
- Graduated with 3.45 GPA



Certifications

Amazon Web Services Solutions Architect - Associate



Software

Amazon Web Services, OpenStack

Linux (RHEL, Debian Systems)

Version Control Management (Git)

Atlassian Products (Jira, Confluence)

CI/CD (Gitlab, Jenkins)

Object Oriented Programming

E Lar

Languages

Python, Bash, Java

NodeJS, Matlab, MIPS Assembly

Haskell, Prolog, Verilog, C++

Excellent

Excellent

Excellent

Excellent

Excellent

Very Good

Very Good

Very Good



(₹)

Interests

- Contributing to opensource projects
- Learning new programming languages
- Reading literature of new computer science methodologies