

# Austin Derbique

Software Engineer



Tempe, AZ, 85281



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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

●●●●●  
Excellent

●●●●●  
Excellent

●●●●●  
Very Good

●●●●●  
Excellent



## Work History

2021-03 - Current

### 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).

2018-02 - 2021-03

### 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.

2017-05 - 2017-08

### 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.

2016-01 - 2016-12

### 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

2015-06 - 2015-08

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

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Excellent

- Linux (RHEL, Debian Systems)

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Excellent

- Version Control Management (Git)

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Very Good

- Atlassian Products (Jira, Confluence)

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Excellent

- CI/CD (Gitlab, Jenkins)

●●●●●  
Very Good

- Object Oriented Programming

●●●●●  
Excellent



**Languages**

- Python, Bash, Java

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Excellent

- NodeJS, Matlab, MIPS Assembly

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Very Good

- Haskell, Prolog, Verilog, C++

●●●●●  
Good



**Interests**

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

2020-08 - Current

2013-08 - 2017-12

2019-04