

Tyler J Gabb
(520) 401 3289
tylerjgabb.github.io
TylerJGabb@gmail.com

Experience

Software Engineer I

Modular Mining: Oct 2019 - Present

Java, Spring, Linux, VPC/VLAN, MySql, NoSQL,

- Expose APIs in legacy applications to improve integration.
- Separate monolithic applications into microservices based on responsibility.
- Lead the research, design, implementation, and testing of improvements to existing product suite. Research modern toolsets and technologies to prevent technical debt, and promote long term evolution of scalable architecture.

SDET

Modular Mining: Jan 2019 - Oct 2019

Java, Spring, Linux, Centos, Redhat, VPC/VLAN, Test Automation, git

- Linux system administration
- Supervised and measured system performance of test automation infrastructure to identify performance bottlenecks in regression. Designed and implemented a new test automation framework to improve performance in regression runtime from 3 days to 2.5 hours.
- Create, maintain, and improve a network of virtual machines used to perform automated tasks.

Software Development Intern

Hexagon Mining: May 2018 - Dec 2018

.NET, Windows, Powershell, DevExpress, Tortoise SVN

- Worked with a team of engineers to develop enterprise software using agile methodology.

Software Development Intern

PolyPrint: May 2017 - May 2018

.NET, C#, Windows Services, WinForms, ASP, git, MSSQL, SQL

- Lead development of numerous software projects
- Daily interaction with on-site data center. Create, maintain and optimize stored procedures and queries. Normalize database schema.
- Supervised and measured performance of existing inventorying software. Designed and implemented a new system which improved performance of inventory processing from 4 hours to 1 hour.
- Developed reporting tools for logistics and inventory part tracking

Education

University of Arizona:

Bachelor of Science in Mechanical Engineering, May 2011 - Dec 2018

Bachelor of Science in Mathematics CompSci Emphasis, May 2016 - Dec 2018

Minor in Computer Science, May 2016 - Dec 2018

Languages / Markup	Relevant Skills and Familiarities	
Java	Spring , Spring Boot	Centos, Redhat, Ubuntu
Python	RESTful conventions	Agile Methodology
SQL	Docker	Test Automation
C	Git, SVN	Automation
C#	VPC, VLAN, Virtual Infrastructure	Hibernate, JPA
Bash	MySQL, MongoDB, Redis	Node
Powershell	TCP/IP, UDP	DSA
javascript	WebSockets	RDBMS, NOSQL
HTML/CSS	Microservices	Vertx