

## **Tyler J Gabb, 2018-Resume**

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### **Education**

Pursuing **BS in Mechanical Engineering**  
Pursuing **BS in Mathematics with Comp. Sci Emphasis**  
Pursuing **Minor in Computer Science**  
**Anticipated graduation date: DEC 2018**  
**GPA: 3.3 (3.358)**

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### ***Relevant Job History/Experience***

**DBA and .NET Developer @ PolyPrint in Tucson:** May 2017 - Present  
\* Reduced monthly inventory time of 10,000+ sq ft factory by 50%  
\* Developed reporting tools for logistics and inventory management  
\* Connected company machinery to intranet to log progress and downtime

**Mechatronics Lab RA at University of Arizona:** May 2014 - Dec 2015  
\*Managed verification of 50+ exchange student projects

**Computer Science RA at University of Arizona:** May 2016 - Aug 2016  
\*Language agnostic optimization and analysis of execution traces

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### ***Unique High Level Coursework***

C and Unix Programming	Finite Element Analysis
Assembly	Numerical Analysis
Theory of Statistics	Theory of Probability
Pure Mathematical Logic	Thermodynamics

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### ***Relevant Skill Sets***

Python	MATLAB
Java	Unix / Linux
Haskell	THREE.js
SQL	Arduino to WFA Serial Interfacing
C/C++	Familiar with manufacturing protocols
C#	Data Visualization
.Net Framework	JavaScript
HTML	CSS
Microsoft Power BI	3D Rendering