

TANNER BARLOW

Mobile: 801-867-5383 | tanner.barlow@outlook.com | www.tannerbarlow.com

LinkedIn: <https://www.linkedin.com/in/tannerbarlow>

GitHub: <https://github.com/tbarlow12>

RELEVANT SKILLS

C#/.NET	Python	Java/Android	C++/C
SQL/MySQL	R	Apache Spark	Node.js

EDUCATION

Bachelor of Science in Computer Science, Dec 2017 **3.75 GPA on 4.0 scale**
University of Utah, Salt Lake City, Utah

Relevant Courses:

Software Practice in C#/C++	Database Systems	Linear Algebra	Computer Systems
Probability and Statistics	Algorithms	Models of Computation	Natural Language Processing
Information Extraction	Data Mining	Personal Informatics	Machine Learning

Awards and Scholarships

Honors - Full Scholarship	Everton Scholarship	Haglund Scholarship	Dean's List (8 times)
---------------------------	---------------------	---------------------	-----------------------

WORK EXPERIENCE

Software Engineer **Redmond, Washington**
Microsoft: Commercial Software Engineering **Jan 2018 – present**

- With one other engineer, added encrypted messages to web request body in Azure KeyVault Java SDK
- Added control of Azure resources to Cloud Custodian open-source project with necessary documentation

Software Engineer Intern (2x) **Redmond, Washington**
Microsoft: Windows & Devices Group **May 2017 – July 2017, May 2016 – July 2016**

- Built out data gathering, cleaning, and clustering workflow to identify clusters of Windows devices
- Created scoring heuristic to identify number of devices represented by each individual device
- Automated process of converting meaningful feedback from Windows 10 customers to actionable bugs

Software Development Intern **Salt Lake City, Utah**
FamilySearch **May 2015 – August 2015**

- Implemented Java application for bulk operations on database of all places in the world
- Started planning, design and implementation of new REST API to replace Java application

FAVORITE PROJECTS

- “Guide” – Virtual Tour Guide Application
 - Responsible for ASP.NET backend and SQL database as well as audio encoding and on-demand streaming
- “Learn It Your Way” – Machine Learning API
 - Flask API for users to upload datasets, train models and generate an endpoint for future prediction
- Real-Estate Value Prediction
 - Using crime data and area metrics, predict median value per square foot in zip code
- Personal Email Response-Time-Predicting Bot
 - Extracted features, used linear regression classifier to predict response time and send automated response

ADDITIONAL LEADERSHIP EXPERIENCE

- Director of Technology – HackTheU hackathon
- Microsoft Intern Ambassador & Student Partner
- President - Computer Programmers at the U of U
- Leadership positions (trainer, district leader, zone leader and assistant to president) as LDS missionary in Santiago, Chile, leading as many as 204 missionaries at one time