

TANNER BARLOW

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RELEVANT SKILLS

C#/.NET
SQL/MySQL

Java
Matlab/Octave/R

Python
Android

C++/C
Node.js

EDUCATION

Bachelor of Science in Computer Science, Dec 2017
University of Utah, Salt Lake City, Utah

3.75 GPA on 4.0 scale

Relevant Courses:

Software Practice in C#/C++ Database Systems
Probability and Statistics Algorithms
Information Extraction Data Mining

Linear Algebra
Models of Computation
Personal Informatics

Computer Systems
Natural Language Processing
Machine Learning

Awards and Scholarships

Honors - Full Scholarship

Everton Scholarship

Haglund Scholarship

Dean's List (8 times)

WORK EXPERIENCE

Software Engineer

Microsoft: Commercial Software Engineering

Redmond, Washington

Jan 2018 – present

- We work with commercial partners to solve their most difficult technical problems

Software Engineer Intern (2x)

Microsoft: Windows & Devices Group

Redmond, Washington

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

FamilySearch

Salt Lake City, Utah

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