

TANNER BARLOW

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RELEVANT SKILLS

C#/.NET
SQL/MySQL

Java
Matlab/Octave/R

Python
Android

C++/C
JavaScript

EDUCATION

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

3.78 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 Intern
Microsoft

Redmond, Washington
May 2017 – July 2017

- 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

Software Engineer Intern
Microsoft

Redmond, Washington
May 2016 – July 2016

- Automated process of converting feedback from Windows 10 customers to actionable bugs
- Identified meaningful feedback using sentiment, actionability and other text analysis

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
- Wikipedia Question Answering System
 - Use Info. Extraction techniques to find ‘factoids’
 - Classify question and respond with extracted answer
- NBA Positional Clustering
 - Perform k-means++ and hierarchical clustering on data to determine player’s “true” statistical position
- Personal Email Response-Time-Predicting Bot
 - Extracted features, used linear regression classifier to predict response time and send automated response

ADDITIONAL LEADERSHIP EXPERIENCE

- Microsoft Intern Ambassador
- Microsoft Student Partner
- Director of Technology – HackTheU hackathon
- President - Computer Programmers at the U of U
- Counselor - Especially for Youth (EFY) program
- 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