

TANNER BARLOW

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RELEVANT SKILLS

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|---------------------|------------|--------------|--------------|
| C#/.NET | Python | Java/Android | C++/C |
| Node.js | TypeScript | SQL | Azure |
| Machine Learning/AI | NLP | Apache Spark | Apache Kafka |

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:

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|-----------------------------|------------------|-----------------------|-----------------------------|
| 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

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

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

- Contributed to multiple open-source projects to enable easier and more powerful developer experience on Azure
- Collaborated on projects with Microsoft partners to build out custom solutions to solve business needs
- Participated in “hacks” to upskill in new areas of technology and provide feedback to Microsoft product teams

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 CLI and designed REST API for bulk operations on database of all places in the world
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FAVORITE PROJECTS

- “[Cloud Custodian](#)” – Cloud Resource Manager
 - Added ability to filter on live Azure metrics, shutdown/restart VMs and other Azure integrations
 - “[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
 - “[Wiki-Answer](#)” – Wikipedia Question Answerer
 - Python tool for consuming corpus of Wikipedia articles and answering questions about subjects
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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