

# TANNER BARLOW

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## RELEVANT SKILLS

C#	Java	C++	JavaScript
Node.js	HTML/CSS	Python	SQL/MySQL
JSP	VisualStudio	Eclipse	REST
Git/GitHub	Agile	Windows/Linux	Fluent in Spanish

## EDUCATION

**Bachelor of Science in Computer Science, Dec 2017**

**University of Utah, Salt Lake City, Utah**

**3.810 GPA on 4.0 scale**

### Relevant Courses:

Intro to Computer Science	O.O. Programming in Java	Algorithms/Data Structures	Creating Web Content
Discrete Structures	Computer Organization	Database Systems	Software Practice in C#
Software Practice in C++	Probability and Statistics	Algorithms	Industry Forum
Computer Systems	Models of Computation	Natural Language Processing	Linear Algebra

## Awards and Scholarships

Honors at Entrance – Full ride    Dean's List (6x consecutive)    Joseph and Phyllis Everton Memorial Scholarship

## WORK EXPERIENCE

- **Software Engineer Intern, May 2016-August 2016**

**Microsoft, Redmond, Washington**

- Worked with WDG GSL Data Insights team on the automation of converting international customer feedback for Windows 10 to actionable bugs for developers. Involved collaborating with data science teams using text analytics to identify meaningful feedbacks (>10 M records), group feedbacks, identify duplicates, making REST API calls to extract data and running cloud service in automated fashion.

- **Microsoft Intern Ambassador, August 2016-Present**

**Microsoft, Salt Lake City, Utah**

- Responsible for resume, interview and career guidance related to Microsoft for university students, collaborating with recruiters for campus recruitment strategies

- **Microsoft Student Partner, January 2016-Present**

**Microsoft, Salt Lake City, Utah**

- Coordinated and taught technical workshops on new Microsoft technologies, managed social media outreach, collaborated on special projects and new initiatives with other MSPs nationwide

- **Software Development Intern, May 2015-August 2015**

**FamilySearch, Salt Lake City, Utah**

- Designed, developed and tested internal applications, both desktop and web service, to maintain and update database of all "places" in the world (more than 7 million points of data), which was integrated to front-end user interface to assist users in researching their family history.

## PROJECTS

- Client and server of a networked game, similar to Agar.io, involving graphics, socket connections, collision detection and other gameplay logic (C#)
- Spreadsheet application similar to Excel (C#)
- Asteroids game logic and extra enhancements (i.e. cheat codes, bonuses, etc.) (Java)
- "PomoSphero" timing app for Sphero 2.0 (C#)
- Pixel editing application that exports to GIF(C++)
- Desktop application for the organization and management of analog filing system (Java)
- Developing cross-platform mobile and web application for ORKA (Bluetooth water bottle)
- Automated web scraper of course information for dynamic graduation planner for university students

## ADDITIONAL LEADERSHIP EXPERIENCE

- President, Computer Programmers at the University of Utah (CPU of U)
- CTO and Executive Committee member for HackTheU (University Hackathon)
- Several leadership positions (trainer, district leader, zone leader, assistant to the president) as a missionary for the LDS church in Santiago, Chile, leading as many as 204 missionaries at one time
- Manager at LifeCentre Athletic Club
- Counselor for Especially for Youth Program
- Varsity Letter and 3-year co-captain of Jordan High Basketball Team, Senior Class Vice President