

# Samuel Tanner

sam.tanner@aggiemail.usu.edu  
(208) 830-1983

<b>OBJECTIVE</b>	Obtain a position as Lead Computer Engineer for Amazon to make a meaningful contribution to the bottom line.
<b>EDUCATION</b>	<p><i>Master of Science</i>, Electrical and Computer Engineering May 2019 Georgia Institute of Technology, Atlanta, GA</p> <ul style="list-style-type: none"><li>• Earned technical degree while succeeding at full-time job</li><li>• Include courses taught by industry experts from General Electric</li></ul> <p><i>Bachelor of Science</i>, Computer Engineering May 2016 Utah State University, Logan, UT Minor: Computer Science, Mathematics</p> <ul style="list-style-type: none"><li>• Recipient of Presidential Scholarship</li><li>• Worked 5-10 hours per week while attending school full-time</li></ul> <p><i>Project Lead the Way</i> Bonneville High School, Ogden, UT</p> <ul style="list-style-type: none"><li>• Accelerated team based program for Engineering Design, Digital Electronics, and Computer Integrated Manufacturing</li><li>• Completed senior project for Autoliv, new testing apparatus</li></ul>
<b>EXPERIENCE</b>	<p><i>Lead Analytics Engineer</i> May 2019 - Present Energy Innovation Center, Baker Hughes, Oklahoma City Oklahoma</p> <ul style="list-style-type: none"><li>• Lead research development of multiple analytical projects aimed at improving efficiency of existing oilfield equipment</li><li>• Managed local team of 5-7 researchers to complete these project, and deliver for customers in timely manner</li><li>• Presented at Digital (R)evolution for the Oil Gas conference hosted by Instituto Argentino Del Petroleo y del Gas on internal edge platform and Analytics - Sept 2020</li><li>• Presented at Applied Data Analytics Upstream Conference on internally developed edge analytics and platform</li><li>• Prepared demonstration game and Presented at UNIFY 2019 - Baker Hughes C3 joint-venture Baker Hughes premier digital conference to demonstrate to high priority customers our digital capabilities and trajectory in Moneco Sept 2019</li><li>• Acted a Product Owner for team of 8 remote developers, delivered Baker Hughes internal edge computing platform</li></ul> <p><i>Research Engineer Firmware/Software</i> May 2018 - May 2019 Energy Innovation Center, Baker Hughes, a General Electric Company, Oklahoma City Oklahoma</p> <ul style="list-style-type: none"><li>• <i>Teaching Assistant</i> August 2013- May 2014 Electrical and Computer Engineering Department, Utah State University</li><li>– Taught lab sessions with 10 students to code FPGA chips for basic operation</li><li>– Assess and grade student proposed capstone projects</li></ul>

**RELEVANT  
SKILLS**

- Coding fluency in C++. Built operating system simulator on a RaspberryPi (shell simulator, scheduling simulator, etc.)
- Able to write and debug Java code to make basic GUI programs
- Self-taught Perl to broaden language skill set
- Extensive experience with Windows platform and multiple Linux flavors
- Skilled in implementing and understanding various data structures
- Able to think creatively to come up with multiple solutions to a problem
- Works well in teams as well as accepts responsibility for personal duties
- Excellent communication skills in working as a team from sales experience at Bell Janitorial Supply.
- Exceptional organization skills from organizing and itemizing Bell Janitorial Supply warehouse

**COMMUNITY  
SERVICE**

Volunteer tutor at Logan Middle School  
Two-year church service mission

2013  
2010-2012

- Worked 12 hour days to set and meet goals
- Managed other volunteers in training and setting and attaining goals
- Fluent Spanish, reading, writing, and speaking

**OTHER  
INTERESTS**

- Skiing, hiking
- Linux
- Reading