

# Samuel Tanner

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<b>PROFILE</b>	I am a engineer with experience organizing teams and delivering solutions. I am entrusted by my managers to communicate with customers and business leaders. I enjoy working with cross-functional teams to deliver solutions. I have been involved in many stages of project development, including gathering and verifying requirement, technical leadership, product roadmap, budget planning, delivery to customers, and passing business reviews.	
<b>EXPERIENCE</b>	<i>Lead Analytics Engineer</i> Energy Innovation Center, Baker Hughes, Oklahoma City Oklahoma	May 2018 - Present
	<ul style="list-style-type: none"><li>• Led R&amp;D of multiple analytical projects aimed at improving efficiency of existing oilfield equipment</li><li>• Frequent communication with external customers to find pain points, and collaborate on research</li><li>• Collaborated across Product Companies to define requirements and deliver to specifications</li><li>• Oversaw installation of over 20 field pilots, working closely with external and internal customers</li><li>• Acted as Product Owner for team of 8 remote developers to develop Edge Computing platform, including developing and verifying requirements</li><li>• Collaborated with subject matter experts to create physics based models to optimize gas lifted well performance</li><li>• Earned trust of management by presenting brief, consistent updates</li><li>• Improved productivity of team of researchers by establishing, instructing, administering Git practices</li><li>• Implemented Modbus server in C++, prepared codebase for production readiness</li></ul>	
	<i>Edison Engineer Leadership Program</i> General Electric - Billerica MA, San Ramon CA, Oklahoma City OK	May 2016 - May 2018
	<ul style="list-style-type: none"><li>• Created automated testing framework saving \$10K in testing time</li><li>• Contributed as member of a scrum team, learned Java in brief assignment</li><li>• Set up Jenkins Continuous Integration server for team</li><li>• Assisted in RoHS compliance of electronics</li></ul>	
<b>CERTIFICATIONS &amp; TECH SKILLS</b>	<ul style="list-style-type: none"><li>• Scrum Master Certified</li><li>• Nvidia Deep Learning Institute</li><li>• Languages: Python, C, C++, Java, SQL</li><li>• Data Management: PostgreSQL, DynamoDB</li><li>• Tools: Linux, Redis, Docker, MQTT, AWS, CLI, GCP, Confluence, Rally</li></ul>	
<b>EDUCATION</b>	<i>Master of Science</i> , Electrical and Computer Engineering Georgia Institute of Technology, Atlanta, GA	May 2019
	<i>Bachelor of Science</i> , Computer Engineering Utah State University, Logan, UT Minor: Computer Science, Mathematics - Internship: Bently Nevada Firmware Team	May 2016
<b>PUBLICATIONS &amp; CONFERENCES</b>	<ul style="list-style-type: none"><li>• <i>Active Learning Analytic Coupled with Edge Computing for Intermittent Shut-in Optimization in Shale Gas Reservoirs</i> - SPE-205852 Sept 2021</li><li>• Applied Data Analytics Upstream Conference - Enabling Analytics in the Oil field</li><li>• Digital (R)evolution for the Oil &amp; Gas - Instituto Argentino Del Petroleo y del Gas - Edge Computing and Analytics</li><li>• Morning Fuel - The Petroleum Alliance of Oklahoma - Edge Computing</li><li>• UNIFY 2019 Baker Hughes C3 joint-venture - I.Q.uity Edge Platform</li></ul>	