

Samuel Tanner

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PROFILE	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.	
EXPERIENCE	<i>Lead Analytics Engineer</i> Energy Innovation Center, Baker Hughes, Oklahoma City Oklahoma	May 2018 - Present
	<ul style="list-style-type: none">• Led R&D of multiple analytical projects aimed at improving efficiency of existing oilfield equipment• Frequent communication with external customers to find pain points, and collaborate on research• Collaborated across Product Companies to define requirements and deliver to specifications• Oversaw installation of over 20 field pilots, working closely with external and internal customers• Acted as Product Owner for team of 8 remote developers to develop Edge Computing platform, including developing and verifying requirements• Collaborated with subject matter experts to create physics based models to optimize gas lifted well performance• Earned trust of management by presenting brief, consistent updates• Improved productivity of team of researchers by establishing, instructing, administering Git practices• Implemented Modbus server in C++, prepared codebase for production readiness	
	<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">• Created automated testing framework saving \$10K in testing time• Contributed as member of a scrum team, learned Java in brief assignment• Set up Jenkins Continuous Integration server for team• Assisted in RoHS compliance of electronics	
CERTIFICATIONS & TECH SKILLS	<ul style="list-style-type: none">• Scrum Master Certified• Nvidia Deep Learning Institute• Languages: Python, C, C++, Java, SQL• Data Management: PostgreSQL, DynamoDB• Tools: Linux, Redis, Docker, MQTT, AWS, CLI, GCP, Confluence, Rally	
EDUCATION	<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
PUBLICATIONS & CONFERENCES	<ul style="list-style-type: none">• <i>Active Learning Analytic Coupled with Edge Computing for Intermittent Shut-in Optimization in Shale Gas Reservoirs</i> - SPE-205852 Sept 2021• Applied Data Analytics Upstream Conference - Enabling Analytics in the Oil field• Digital (R)evolution for the Oil & Gas - Instituto Argentino Del Petroleo y del Gas - Edge Computing and Analytics• Morning Fuel - The Petroleum Alliance of Oklahoma - Edge Computing• UNIFY 2019 Baker Hughes C3 joint-venture - I.Q.uity Edge Platform	