

Samuel Tanner

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OBJECTIVE Computer Engineer with experience leading a team, researching and prototyping new technology I am looking to develop in exciting new technology in Web3.

EXPERIENCE *Senior Analytics Engineer* May 2019 - Present
Energy Innovation Center, Baker Hughes, Oklahoma City Oklahoma

- Lead research & development of multiple IoT and analytical projects (python) aimed at improving efficiency of existing oilfield equipment
- Managed local team of 5-7 researchers to complete these projects, and deliver for customers in timely manner, including over 20 field installations
- Panelist at Society of Petroleum Engineers Technology Day 2022, on using technology to improve Environmental, Societal, and Governance (ESG)
- Presented research at Digital (R)evolution for Oil & Gas Sept 2020, Applied Data Analytics Upstream Conference, and Baker Hughes - UNIFY Monaco Sept 2019
- Acted as Product Owner for team of 8 remote developers, delivered internal Edge Computing platform

Research Engineer Firmware/Software May 2018 - May 2019
Energy Innovation Center, Baker Hughes, Oklahoma City Oklahoma

- Improved productivity of team of researchers by establishing, instructing, administering Git practices
- Collaborated with subject matter experts to create physics based models to optimize gas lifted well performance
- Implemented Modbus server in C++, prepared codebase for production

Edison Engineer Leadership Program May 2016 - May 2018
General Electric - Billerica MA, San Ramon CA, Oklahoma City Oklahoma

- Excelled in training from industry experts in GE while maintaining a full workload
- Created automated testing framework saving \$10K in testing time, using Jenkins
- Planned and executing Engineering week for site of 270 people
- Contributed as member of a scrum team, learned Java in brief assignment

PUBLICATIONS & CERTIFICATIONS

- eCornell Block Chain Essentials Certificate 2022
- Scrum Certified
- SafelandUSA (Oil field safety) 2016
- Nvidia Deep learning Institute 2018
- eCornell Machine Learning 2022
- eCornell Data Science Essentials 2021
- *Active Learning Analytic Coupled with Edge Computing for Intermittent Shut-in Optimization in Shale Gas Reservoirs* - SPE-205852 Sept 2021

EDUCATION

Master of Science, Electrical and Computer Engineering May 2019
Georgia Institute of Technology, Atlanta, GA

- Earned technical degree while succeeding at full-time job
- Include courses taught by industry experts from General Electric

Bachelor of Science, Computer Engineering May 2016
Utah State University, Logan, UT
Minor: Computer Science, Mathematics