

Adam Isaacks

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OBJECTIVE

Energized young professional with diverse experience. Skilled in **agile** techniques and **continuous improvement** with a proven track record of delivery in projects, and operations.

PROFFESIONAL EXPERIENCE

Project Facilities Engineer – BP – Houston, Texas

November 2019 – Present

Currently working as a mechanical engineer on a multidisciplinary team delivering new well tiebacks to existing deep-water oil and gas platforms.

- Successfully **delivered 25 individual project scopes** via MOC (management of change process) from the engineering contractor to BP operations. Major projects scopes include: ACHE (Air Cooled Heat Exchanger), chemical injection pumps, safety critical valves, 4160V transformer, systems controls upgrades, and heavy lifting equipment.
- Served as an Agile Champion for the team. Leading **Kanban** and retrospectives to drive team efficiency, continuous improvement, and effective communication.

Operations Facility Engineer – BP – Houston, Texas

August 2018 – November 2019

Worked both onshore and offshore supporting a deep-water oil and gas platform in the Gulf of Mexico. Focused on delivering safe, efficient, and reliable operations via control of work and detailed engineering.

- Oversaw **installation of 40+ engineering scopes** by performing Pre-Startup Safety Reviews (PSSR). A successful PSSR consists of compliance to applicable regulatory agencies, (BSEE, USCG), and engineering design standards (API, ASME, IEEE).
- Single Point of Authority (SPA) for **CI (continuous improvement) projects** on the platform. Projects included: hull ventilation optimization, pump control of work conformance, high criticality engineered valve replacement.
- Utilized **Palantir Foundry** to identify and solve reliability issues with plant N2 & air compressors.
- **Lead trial and qualification of new technology** in the Gulf of Mexico. Eliminated the need for hot-work on piping replacement projects up to 8" in diameter.

PERSONAL PROJECTS

Front End Developer (Portfolio: adamisaacks.com)

August 2020 – Present

Freelance developer specializing in HTML5, CSS, JavaScript, React, Git, Bootstrap, Figma

- Personal Website – Developed to showcase various projects and achievements.
- Texas Historical Markers Locator – Application in development to help travelers find interesting locations in Texas.

EDUCATION

Texas A&M University – College Station, Texas

B.S. Mechanical Engineering

August 2013 – May 2018

Achievements:

- **1st Place Overall** – Formula SAE Lincoln 2018.
- Spring 2016 – **Study Abroad** at Hong Kong University of Science and Technology
- Benjamin A. Gillman International Scholar – U.S. Department of State
- Aggie-Challenge Undergraduate Researcher

EXTRA-CURRICULAR

Graduate Program Co-Lead – BP – Houston, Texas

Jan 2021 – Present

- **Manage a team** of graduate committee leaders across multiple business functions.

Community Committee Lead – BP – Houston, Texas

Jan 2020 – Dec 2020

- Created tutoring program within BP to connect graduates to busy parents working from home.
- Organized community service and team building events for the BP graduate community.