

JAYSON EL-TURK

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CAREER PROFILE

Fast learning Field Service Engineer looking for a position in the software development industry that will utilize my strong creativity and problem-solving skills as well as strengthen my professional abilities. An extremely hardworking individual that can see projects to their end. Self-reliant, being able to learn quickly and independently, but also work well collaborating with a team. Looking to join a progressive company that will allow me to apply my knowledge and abilities for a mutually rewarding job relationship.

EDUCATION

Texas A&M University

Bachelor of Science in Mechanical Engineering

College Station, Texas

2017

RECENT WORK EXPERIENCE

SCREEN SPE – Field Service Engineer, Chandler, AZ

2017 – Present

- Executed installations, repairs and necessary changes to company equipment by following equipment solution protocols
- Demonstrated the capacity to develop and implement all aspects of software solutions and strategies, resulting in improved/simplified workflows
- Revitalized equipment management processes by writing software that analyzes millions of equipment event logs, reducing the process from hours to minutes
- Programmed an application that maintained records of employee certifications, notified changes, and alerted employees on when to re-certify
- Created multiple scripts that help extract data from equipment logs—accelerating data mining efforts from the previous 3 hours to 30 seconds
- Exemplified strong software programming and development acumen and working knowledge of programming languages and programs

Plug Power – Quality and Test Technician, Albany, NY

August 2017 – October 2017

- Analyzed Hydrogen Fuel Cells requirements and qualifications to develop strategies and plans for quality system testing and evaluations
- Coordinated and performed routine inspections and repairs for both the mechanical and electrical aspect of Hydrogen Fuel Cells
- Developed the knowledge and skill to use testing equipment, read and interpret test results, streamline test procedures, and generate reports based on data
- Possessed strong interpersonal skills resulting in outstanding communication, team-work, flexibility, and cohesiveness with coworkers

Qatar Steel – Internship Role, Doha, Qatar

July - August 2016

- Upheld the machinery throughout the entire steel manufacturing process such as Direct Reduction, Electric Arc Furnace...
- Gleaned invaluable experience and exposure to the machinery and technical industry specialized in Hydraulic Systems and Shaft Alignment
- Exemplified strong interpersonal and leadership skills when communicating with internal senior employees, management, and colleagues

RESEARCH

- Single Cylinder GTL Engine: An Experimental Comparison between Tradition Diesel and GTL Diesel on a Single Cylinder Engine: Published at SAE 2016 World Congress & Exhibition
- Building a Fuel-Efficient vehicle that competed at Shell Eco-Marathon in March 2017 in Singapore
- Manufacturing and Vibrational Analysis of a 3D Printed Jet Engine
- Cooling and Heating Load Analysis for a Qatar Airways Boeing-777 during Operation.

ADDITIONAL

Qualifications: Proficient in Python, C#, MATLAB, Linux, SQL, SolidWorks, LabVIEW, Simulink, Cura, Microsoft Office, SharePoint, Power Apps and Django. Natural Leader, Critical Thinking, Excellent Verbal/Written Communication, Multitasking, and Organization.