

Anita Job

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CAREER PROFILE (OPTIONAL)

Ambitious Mechanical and Energy Engineering student at University of North Texas graduating in Dec 2021. Seeking an entry-level Mechanical Engineer position at Haliburton focused on creating renewable forms of energy. Highly skilled at AutoCAD and Matlab who thrives in a dynamic environment generating innovative engineering solutions for discerning clients. Scheduled to take FE exam in Nov 2021.

EDUCATION

University of North Texas | Denton, Texas

Expected Dec 2021

Bachelor of Science | Mechanical and Energy Engineering | ABET accredited (undergrad only)

GPA: 3.25

Minor: Mathematics

Relevant coursework (no more than 2 lines): Solidworks, Fluid Dynamics, Heat Transfer, Data Analysis, Thermodynamics, Circuit Design, Calculus, System Dynamics & Controls

TECHNICAL SKILLS (create categories according to your particular skills)

Programming Languages: MATLAB-Simulink (Advanced), C++ (Intermediate), Python (Beginner) -provide ratings

Software: Solidworks, Microsoft Office Suite (Excel), AutoCAD, Inventor, CATIA, CREO Parametric

Manufacturing: CNC machining, lathes, drills, presses, router, saws, mills, welding

Computer Simulation: COMSOL, Fluent, ABAQUS, ANSYS

Operating Systems: Windows, Linux, MacOS, Android

Certifications: Certified Solidworks Associate (CSWA), Excel

ENGINEERING PROJECTS (academic or personal)

Perseus Rotating Launcher | Senior Design/Capstone Project

Jan-Nov 2021

- Guided 5-member team and presented proposal to sponsors to narrow down 4 ideas to final design choice
- Drawing package-CAD designed schematics including as a minimum all the parts of the launcher
- Analysis Package-calculations and computer analyses to support design; utilized advanced skills in AutoCAD
- Crafted scale model (1/8th scale) & demonstrated to customer how the launcher satisfied design criteria
- Presented 6 group updates via Zoom to UNT faculty and sponsors on a monthly basis

EMPLOYMENT EXPERIENCE

AutoCAD Technician | ABC Engineering | Dallas, TX

Feb 2018-Present

- Provided technical support to improve CAD system, collaborated with 3 DAC Managers to develop improvement ideas and drive further efficiencies; improved productivity, decreased costs by 15% first year
- Managed 27 long-term client relationships to provide ABC with competitive market advantage
- Implemented frequent updates to maintain CAD standards and provided quarterly presentations to key business partners/contractors; timely updates increased overall partner engagement with novel solutions
- Performed calculations and provide technical expertise to 7 project design teams

LEADERSHIP & PROFESSIONAL ORGANIZATIONS (OPTIONAL)

UNT American Society for Mechanical Engineering (ASME)

Mar 2019 - Present

UNT Society for the Advancement of Material and Processing Engineering (SAMPE)

Aug 2019 - Present

AWARDS/SCHOLARSHIPS (OPTIONAL)

Academic Excellence Award, \$1,500 per semester

July 2019

HOBBIES/VOLUNTEER EXPERIENCE (OPTIONAL)

Snowboarding, soccer, video games, auto repair and restoration