

Nicholas Hanes

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EDUCATION

Texas A&M University (TAMU), College Station, Texas

August 2017 – December 2021

Bachelor of Science in Petroleum Engineering

GPA: 3.41

EXPERIENCE

Field Technician

May 2021 – August 2021

Southern Flowmeter, Inc., Houston, TX

- Tested accuracy of both commercial and residential cold-water meters across the city of Houston.
- Improved operability of cold-water meters by running different flow rates and working valves.
- Inspected cold-water meters to find and report deficiencies.

Participant/Volunteer Student

September 2015 – May 2016

High school students United with NASA to Create Hardware (HUNCH), Cypress, TX

- Worked on a year-long project focused on the improvement of the centrifugal casting process on the space station to improve component accessibility.
- Received feedback every 2 weeks from a NASA engineer to enhance the project.
- Resolved project issues as a group and met strict deadlines.

PROJECTS

Analysis of Horn Mountain Field in the Gulf of Mexico

August 2021 – December 2021

Texas A&M University, College Station, TX

- Performed a geological evaluation resulting in the creation of petrophysical contour maps.
- Evaluated pressure, production, PVT, and SCAL data to determine reservoir and well properties.
- Designed a reservoir simulation model from a complete, integrated reservoir description.
- Quantified uncertainties in the production forecasts and economic parameters.
- Determined optimum development plan using reservoir simulation and economic modeling.

SKILLS

Technical Skills: Autodesk Certified User, Proficient in Microsoft Office, Knowledgeable in CMG and IP

Key Strengths: Collaborative, Proactive, Time Management, Conceptualization

ACTIVITIES

Society of Petroleum Engineers (member)

February 2018 - Present

American Association of Drilling Engineers (member)

August 2019 - Present

The Howdy Farm (member)

September 2018 – May 2019

First-Generation Engineering Students Mentor Program (mentee)

September 2017 – August 2019

SERVICE / HONORS

Dachshund Rescue, Education & Adoption Mission (volunteer)

1st place award at Technology Student Association State Competition

Patricia & Conley Williams '62 Scholarship Recipient

Kyle Kepple '92 Scholarship Recipient

Wallace O Keller Memorial Scholarship Recipient

Richard C Dick Durbin '56 Scholarship Recipient