

# John Blissard

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## EDUCATION

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### Texas A&M University, Dwight Look College of Engineering

*B.S. in Petroleum Engineering & Minor in Business*

**GPA:** 2.7

### Morton Ranch High School

*Top 10% Class Graduate*

**GPA:** 3.92

**Scholarships:** William A. Triche & Homer A. Triche Scholarship

**College Station, TX**

May 2018

**Katy, TX**

June 2013

## RELEVANT COURSEWORK

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### Formation Evaluation

August 2016 – December 2016

- Gained knowledge about logging tools and their application.
- Gained the ability to use techlog to create zonation's for clean formations as well as shaly sand formations.
- Used techlog to analyze log data and core data to determine cutoffs for net pay.
- With the net pay cutoffs, I developed structural/stratigraphic maps as well as Isopach maps showing the net sand thickness, porosity thickness, and OOIP for 17 wells producing from the Carnack field.

### Project Evaluation/Economic analysis

August 2016 – December 2016

- Learned to forecast production using decline curve analysis for gas wells and oil wells.
- After forecasting production, I developed a cash flow model to anticipate the viability of various projects.
- Determined the present value at the hurdle rate for each project and used decision trees to analyze the risk associated with each project based on the probability of success and net present value.
- Decision trees allowed me to calculate the estimated monetary value, with imperfect information.
- Projects were compared and assigned 1P, 2P, and 3P values based on the likelihood of success. Finally, the most viable projects were chosen using all the methods discussed.

## WORK EXPERIENCE

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### D.L. Meacham Construction

*Construction worker*

- Assisted in building foundations for large projects.
- OSHA 10 certified; learned about job site safety

### Force Corporation

*Construction worker*

- Worked with carpenters, surveyors, and pipe fitters to install fire hydrant systems within a petrochemical plant.
- Basic plus certified by the Houston area safety council (HASC).
- Used knowledge of materials to prevent imprecise measurements due to thermal expansion of pipe.

## ACTIVITIES & ORGANIZATIONS

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### Society of Petroleum Engineers

Attend meetings regularly and gain technical knowledge from industry professionals.

### Freshman Leaders in Progress

Gained leadership experience and preformed service throughout the Bryan/College Station area.

### Committee for the Awareness of the Mexican American Culture

Hosted various events to teach other students about Latino culture, and practiced public speaking.

## COMPUTER SKILLS

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AutoCAD, Inventor, Microsoft Excel, Visual Basic (Excel), SOPE, Techlog, PVT simulator.