

Keith E. Braun

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Philipsburg, PA 16866

Contact:
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Objective

To find a full time technical position

Education

M.S., Energy and Mineral Engineering, The Pennsylvania State University ('15-present)

Focus: Petroleum and Natural Gas Engineering

Advisor: Dr. Eugene Morgan (eugene.morgan@psu.edu)

Thesis: Inversion Schemes for Predicting Petrophysical Properties in Methane Hydrates from 3D Seismic Survey Data

Coursework: Seismic Reservoir Characterization, Well Stimulation, Fluid Flow, Numerical Methods, Geostatistics, Investment Decisions

Anticipated Graduation: May 2016

Cumulative GPA: 3.58/4.00

B.S., Petroleum and Natural Gas Engineering, The Pennsylvania State University ('12-'15)

Minor: Supply Chain Management and Information Science and Technology

Coursework: Rock and Fluid Properties, Reservoir Modeling, Drilling Engineering, Geology of Oil and Gas, Production Process Engineering, Well Test Analysis

Cumulative GPA: 3.03/4.00

Employment

Teaching Assistant

Production Engineering Lab (PNG 482) – Spring 2016

Role: Led the students in safe and successful labs for three lab sections per week

Grader

Mechanics (Physics 211) – Spring 2013

Production Engineering Laboratory (PNG 482) – Spring 2015

Formation Evaluation (PNG 440W)

Energy Conservation for Environmental Protection (EGEE 102) – Fall 2015/Spring 2016

Skills

General

Languages: Spanish (5 years)

License: PA Commercial Driver's License (CDL): Class A

Technical

Professional Programs: OpendTect, CMG Stars, COMPASS, Aries, Fracpro

Programming Languages: MATLAB, C++, R, Mathematica

Activities

Professional Clubs: Society of Petroleum Engineers, Society of Exploration Geophysicists, American Association of Petroleum Geologists, American Chemical Society

Karate: International Tang Soo Do Federation (currently part-time yellow belt)