

MICHAEL J. MAGYAR

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Current Address:

320 East Beaver Avenue #608
State College, PA 16801

Permanent Address:

204 Canterwood Drive
Venetia, PA 15367

Academics

The Pennsylvania State University, University Park, PA (Full time student)
B.S. in Petroleum and Natural Gas Engineering, College of Earth and Mineral Science
Energy Business and Finance Minor

- Current Cumulative Penn State GPA: 3.16
- Eighth Semester Standing with 147.5 credit hours
- Anticipated graduation May 2017

Relevant Completed Course Work

Reservoir Engineering
Production Process Engineering
Applied Reservoir Analysis and Secondary Recovery
Rock Fluid Properties (Core Analysis)
Petroleum Geology
Geo-Resource Evaluations
Global Finance - Earth, Energy and Materials Industries

Reservoir Modeling
Programming for Engineers (C++, MATLAB)
Pump Systems for Oil and Gas Production
Applied Drilling Engineering
Principles of Well Testing and Evaluation
Formation Evaluation
Reservoir Engineering Design

Experience Highlights

Programming Experience with MATLAB, C++, CMG, FracPro, Java, Microsoft Office

Duff & Phelps Pollution Control Consulting Internship (May 2016-August 2016)

- Pollution control intern at Duff & Phelps LLC where I analyzed processes and equipment associated with natural gas and carbon dioxide transmission, power generation, LNG export facilities, and commercial storage terminals to identify, quantify, verify, certify, and implement pollution control tax abatements and exemptions.

DTE Energy Midstream Services Job Shadowing (Mar 7 – Mar 10, 2017)

- Shadowed an employee working in DTE Energy's Midstream Services to observe operations conducted by the organization. Observed engineer's compressor and pipeline hydraulic capacity calculations and facility siting.

Penn State Energy Marketing Association (PSEMA) Treasurer & Founding Member (Sept 2015 – Present)

- Fall 2016 – Spring 2017 PSEMA Treasurer, I manage PSEMA event spending, donations, assist with event planning, and trained with industry professionals to improve the quality of the published PSEMA segments. Through the PSEMA, I have created comprehensive Excel models using relevant public data to identify key fundamentals that have historically driven price volatility in natural gas futures markets published in the natural gas segment of the PSEMA monthly newsletter.

Reservoir Characterization via MATLAB (Jan 2016- May 2016)

- Compiled and analyzed data from a variety of well log readings in a Marcellus Shale reservoir to create 2D and 3D property maps of a targeted pay zone, and calculated various petrophysical properties used in a Monte Carlo simulation to estimate the reservoir's original gas in place. Additionally, my project team and I successfully presented our calculations, assumptions and findings from the reservoir to an audience of over 200 peers.

Penn State University Society of Petroleum Engineers Student Mentor (Aug 2015-Present)

- A Society of Petroleum Engineers (SPE) student mentor is an upperclassmen member who is assigned an underclassmen SPE member to highlight the mentor's personal experiences from pursuing a Petroleum and Natural Gas Engineering degree, describing what the profession may entail and any other industry questions the trainee may have.

Campusprotein.com Sales Representative (Jan 2014-Sept 2014)

- Sold a range of health supplements and vitamins to peer college students and marketed the Campus Protein brand.

Other Activities

Society of Petroleum Engineers, American Association of Drilling Engineers
Penn State Snowboard and Ski Club, IM Football, Basketball, Softball

Competitive Golfer: Competed for twelve years as both an individual and team player in various regional, national and international golf competitions and Varsity HS golf

AJGA (American Junior Golf Association) IJGT (International Junior Golf Tour)