

# SAMANTHA PHILIPP

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## EDUCATION

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<b>The University of Texas at Austin</b>	Bachelor of Science, Petroleum Engineering Overall GPA: 3.78	May 2016 Major GPA: 3.89
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## EXPERIENCE

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### **EMAS AMC—Engineering Intern; Houston, TX**

*Offers specialized support to the global offshore energy sector, providing subsea construction and offshore installation services*

June 2014–August 2014

- Improved engineering team efficiency by creating computer program to manage structural engineering practices
- Executed structural analysis and manual engineering calculations
- Performed risk management by making decisions about 3 proposed reel transfer areas
- Elected “2<sup>nd</sup> in Charge” of group of 11 interns
- Reviewed technical documents, reports, and drawings for correctness

### **Shell Production and Drilling Camp – Robert, LA**

January 2014

- Performed hands-on drilling simulator
- Completed safety training (HUET), and disaster prevention
- Trained in areas of production, drilling, subsea engineering, and safety

### **Halliburton Training Camp (Camp Bevo) – Duncan, OK**

June 2013

- Participated in hands-on demonstrations of on-site procedures
- Visited hydraulic fracturing operation, drilling operation, and manufacture/research centers

### **Elgin Independent School District – Math Tutor; Austin, TX**

January 2013 – May 2013

- Demonstrated problem-solving skills calculations
- Assessed students' levels of improvement and discussed with teachers
- Encouraged students by breaking down complex math topics for them

## ACTIVITIES

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Women in Engineering Program— <i>Peer Assistance Leader</i>	Fall 2013– Present
Society of Petroleum Engineers	Fall 2012 – Present
American Association of Drilling Engineers	Fall 2012 – Present
Pi Epsilon Tau: Petroleum Engineering Honor Society	Spring 2015 – Present
Society of Women Engineers	Fall 2012 – Present
Texas Lassos Service Organization — <i>Volunteer</i>	Spring 2014 – Present

## HONORS

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| • Marathon Oil: Petroleum Engineering Workforce Initiative Scholarship | Spring 2014 |
| • R. Graham Whaling Endowed Scholarship in Petroleum Engineering       | Fall 2014   |

## ADDITIONAL INFORMATION

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- Engineering experience in Matlab, MathCAD, AutoCAD, Solidworks, and Abaqus
- Trained in C++, Java, all Microsoft office programs