

## Brian Hausman

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### EDUCATION

#### **Texas A&M University, College Station, TX**

Degree: Bachelor of Science in Mechanical Engineering

Graduation: Spring 2017

Minor: Business

Current Overall GPR: 3.42

### WORK EXPERIENCE

#### **General Electric, Greenville, SC**

Summer 2016

*OMLP intern, Rotor Machining Cell, Manufacturing Engineer*

- Developed broach cutter tracking system to monitor the number of wheels run on a single set
- Updated lift, rotor, and cutter methods with new revisions and for quality compliance
- Inventoried lift fixtures used for rotor machining and updated storage documents
- Configured broach workstation tooling

#### **Texas A&M University, College of Engineering, College Station, TX**

Spring 2016

*Teaching Assistant*

- Helped lead a class of 90 students for a section of the Statics & Particle Dynamics undergraduate course
- Administered and graded quizzes

#### **Texas A&M University, Polymer Technology Center, College Station, TX**

Fall 2015

*Research Assistant*

- Maintenance on lab's compression press that raised the operating temperature by 100°C
- Developed Matlab programs to display surface roughness and nanoparticle dispersion

#### **Texas A&M University, Turbomachinery Lab, College Station, TX**

Spring-Summer 2015

*Research Assistant*

- Assembled and disassembled stator/rotor test rig for annular seal characterization for centrifugal pump applications
- Communicated with various vendors to obtain quotes and purchase orders
- Calibrated a Brookfield viscometer for measurement of ISO VG 2 oil viscosity
- Collected mass and volume measurements to determine the density of ISO VG 2 oil at specific temperatures

### LEADERSHIP

#### **AggiE-Challenge Project – Gaharwar Lab, College Station, TX**

Fall 2015

*Research Assistant in Biomedical Engineering*

Assisted in reconstructing a 3D printer to map stresses of the printed material

#### **Texas A&M Beta Upsilon Chi Fraternity, College Station, TX**

Fall 2014-Present

*Small group leader*

Lead a weekly bible study and facilitate small group discussions

### HONORS

Society of Petroleum Engineers – Balcones Section Scholarship

Fall 2014- Present

Texas A&M University President's Endowed Scholarship

Fall 2013-Present

Eagle Scout Rank

Summer 2010

### ORGANIZATIONS

American Society of Mechanical Engineers

Spring 2014 to Present

Beta Upsilon Chi Fraternity

Fall 2013 to Present

### SKILLS

- Software: SolidWorks, MATLAB, LabVIEW, C++
- Spanish – Basic