

B. Mechanical Engineering

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EDUCATION

Brigham Young University, Provo, UT

Bachelor of Science in Mechanical Engineering; Minor in Business Management, Aug 2021

- GPA 3.70/4.00 | GMAT 710/800 (90th Percentile)
- Heritage Scholarship (Top 6% of admitted freshman students)
- Director of Development, Engineers Mean Business Club

EXPERIENCE

ABC Manufacturing, Charleston, WV

Capacity Planning Co-Op, Jan 2018 – Jun 2019

- Implemented a capital tracking system resulting in \$150,000 of yearly savings in labor and equipment expenses
- Planned transition of entire product line from Tennessee facility to West Virginia

ABC Engineering, Dallas, TX

Technology Consulting Intern, Jun 2018 – Aug 2018

- Consulted client to identify HR benefit requirements and presented the Oracle functionality to key client stakeholders
- Researched Oracle HCM software updates and presented findings to management for future implementation

Brigham Young University, Provo, UT

Mechatronics Teaching Assistant; Lead TA, Jan 2017 – Dec 2017

- Prepared and led test review sessions to assist over 50 students in understanding course material
- Instructed students regarding topics of linear electric circuits, computer organization, and logic circuits

DEF Engineering (Parent Company to Local Startups), Provo, UT

Intellectual Property Intern, Aug 2016 – Jan 2017

- Conceptualized, drafted, and edited over 10 patents for inventors
- Conducted due diligence with supervisor for 13 patents and performed strategic analysis on findings

ABC Supply, Chicago, IL

Sales Representative, May 2016 – Aug 2016

- Generated over \$60,000 in contractual revenue in local sales office, Top 1st Year Sales Representative
- Expanded company client base in the Greater Chicago Area by acquiring over 100 new contract clients

LEADERSHIP & SERVICE

Marriott School of Business Student Council

Student Engagement Committee Member

Provo, UT
Jan 2017 – Dec 2017

- Managed 15 volunteers to raise \$7,000 in 3 weeks for United Way's Sub for Santa

Help International

Team Lead

Trujillo, Peru
Apr 2017 – Jun 2017

- Designed and implemented a high-efficiency cooking stove in a displaced community of 50 families, reducing cooking times by approximately 50%
- Engineered an eco-friendly bathroom system for a small farming community with Peruvian NGO

The Church of Jesus Christ of Latter-day Saints

Regional Supervisor and Volunteer Representative

Copenhagen, Denmark
Jul 2013 – Jun 2015

- Led weekly trainings for over 20 volunteers on improving goal setting, communication, and teaching
- Analyzed and reported weekly and monthly statistics to leadership

SKILLS & INTERESTS

- Proficient in C, C++, MATLAB, ANSYS Workbench, LabView, VBA, SQL
- Determined mechanic and handyman, carrying out nearly all work on own vehicle for 2 years
- Designed and constructed small-scale indoor aquaponics gardening system for personal apartment