

# B. Mechanical Engineering

790 East 1319 South, Provo, Utah 84606  
801-899-9091 | mech.eng@gmail.com | www.linkedin/in/bmechanical

## 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 (90<sup>th</sup> 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 1<sup>st</sup> 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

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

### **Help International**

Team Lead

- 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

- 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