

Jason Porter

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EDUCATION

BRIGHAM YOUNG UNIVERSITY | MECHANICAL ENGINEERING

Expected Sep 2010 – Apr 2017 | Provo, UT

- Completed Courses:
- Machine Design
 - Thermodynamics
 - Numerical Methods
 - Mechatronics/Robotics
 - Electrical Circuits
 - Dynamic Systems
 - Optimization
 - Manufacturing
 - Advanced Mathematics

RESEARCH

BABEL | UNDERGRADUATE RESEARCH ASSISTANT

May 2015 – Current | Provo, UT

- Perform research dedicated to exploring emerging biomedical ideas.
- Collaborate in a three person team developing a multi-stage expanding coronary stent and researching bioresorbable materials for degradation controllability.

EXPERIENCE

MISSIONARY TRAINING CENTER | CDL SHUTTLE SUPERVISOR

Oct 2013 – May 2015 | Provo, UT

- Supervised and coordinated the transportation of +200 missionaries beginning at 2 AM each day.
- Performed consistently during all times of day and night in spite of short-notice schedule changes.
- Trained 4 coworkers on driving performance and safety with a Commercial Drivers License.
- Inspected vehicles for safety and performance and arranged repairs.

NORTH DAKOTA STATE UNIVERSITY | AGRICULTURAL RESEARCH ASSISTANT

May 2008 - Aug 2011 | Fargo, ND

- Kept extensive records and organized equipment and supply storage.
- Oversaw the planting, thinning, weeding, and harvesting of 1600 garden plots.
- Analyzed and documented the oil content of samples.

SERVICE

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS | FULL-TIME PROSELYTIZING MISSIONARY

Sep 2011 - Sep 2013 | Brazil

- Worked with leadership of local congregations to coordinate teaching and fellow-shipping of prospective members.
- Served as an office and administrative assistant coordinating calendars and clerical work.
- Developed advanced language skills in both spoken and written Portuguese.

TECHNICAL & PERSONAL SKILLS

PROGRAMMING

C++, Python, MatLab, and VBA Excel

ENGINEERING CAD

3D & 2D CAD in SolidWorks and NX
ANSYS APDL, FeBio, EAGLE

RESEARCH TOOLS

L^AT_EX and MS Suite

MANUFACTURING SKILLS

3D Printing, machining, laser cutting and Welding

RECOGNITIONS

Presented at Biomedical Engineering Conference
Siemen Certified in NX CAD

LANGUAGES

Portuguese Language Fluency Certificate
Proficient in Spanish