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Ryan Kunzman

Education and Coursework

University of California Davis

2016-Current

Expected Graduation: June 2018

Bachelors of Science in **Mechanical Engineering**

Overall GPA: **3.75**

Work Experience

Timberline Product Design - Mechanical Engineering Design and Consulting Firm

Mechanical Engineering Intern

July 2017-September 2017

- Placed in charge of large scale assembly documentation project to be used for product manufacturing by multiple vendors. This included integration of parts designed in house as well as parts from various sources.
- Attended client meetings and design reviews to ensure that final product meets all the client's requirements.
- Assisted staff Engineers with modeling, design and assembly of the GSL Solutions Intellicab and Intellivault system.
- Designed and prototyped various fixtures to streamline product assembly by client technicians.

Thermochem, Inc. - Chemical Testing and Consulting in Renewable Energy and Oil Industry

Engineering Technician

August 2015-September 2016

- Worked directly under the Engineering Manager. Assisted with modeling and designing the MicroMod precision chemical delivery systems.
- Participated in the full engineering design process while working under pressure and aggressive deadlines.
- Maintained and updated SolidWorks EPDM File Vault with the necessary parts and information to complete design work quickly and efficiently.

Field Support Technician

October 2011-August 2015

- Responsible for maintaining an inventory of equipment and tools for Field Technicians to increase process efficiency and accuracy.
- Field work at geothermal power plants in California, working with Chemists and Technicians in a team environment collecting steam and brine samples from active geothermal production wells.
- Learned to operate an inventory system, a purchase order system, shipping, computer and electronic troubleshooting as well as work safety in hazardous conditions.

Summary of Skills

Engineering:

- SolidWorks
- Autodesk Inventor
- Basic Machining Experience (Lathe and Mill)
- 3D Printing and Injection Molding

Computer:

- Microsoft Office Suite
- Internet Research
- Hardware Assembly and Troubleshooting
- Database Maintenance

Soft Skills:

- Strong Verbal Communication
- Leadership Abilities
- Problem-solving and Troubleshooting
- OSHA Regulation

Awards and Activities

University of California, Davis:

January 2017-June 2017

-College of Engineering Deans Honors List

GoEngineer:

June 2016

-Completion of SolidWorks essentials course, a week-long course outlining and teaching SolidWorks basics, from parametric 3D modeling, multiple part assemblies and drawing creation.