

Jesse Wilson

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Education

California Polytechnic State University, San Luis Obispo
Bachelor of Science in **Manufacturing Engineering**, June 20xx
Major GPA: 3.1

Experience

Anheuser-Busch, Inc. - Fairfield, CA

Quality Assurance Intern

06/xx to 09/xx

- Learned the four core functions of the Quality Assurance lab: 1) SCABA machine which tested PH levels, color, alcohol and carbon dioxide; 2) Brew Bench which does turbidity tests and sample tests from the brewing process; 3) Can seaming where tests were conducted to check if lids were properly placed onto body of cans; 4) Fills/Total Packing Oxygen (TPO)/Carbon Dioxide to test the fill levels and carbon dioxide levels in bottles and cans
- Reviewed instrument control charts for audit compliance and reported problems to Analyst so they could correct them.
- Took temperature samples in various areas of the lab and gave data to engineering supervisor that resulted in the installation of new fans and ventilation systems in the lab.
- Conducted time studies on bottle and can manufacturing lines for tracking purposes and to help minimize the amount of product being discarded for defects.

The Grid - San Luis Obispo, CA

07/xx – 12/xx

Technical Support Service Representative (15-20 hours per week)

- Completed intensive Internet networking training covering telephony, modems, switching networks, TCP/IP, mail system, etc.
- Demonstrated ability to troubleshoot and solve problems in a fast-paced environment

Technical Projects

- Senior Project: Designed and manufactured a pneumatic test fixture for reliability testing (life data analysis with exponential distribution)
- Designed wakeboard tower in both Catia and ProEngineer
- Machining with Soft Jaw Technology
- Machined lower housing for rocket with CNC

Special Skills and Knowledge

Software: SolidWorks, ProEngineer, Catia, Creo Parametric, Google Sketchup, Microsoft Office, Minitab

Programming Languages: RoboLab, JavaScript, HTML/CSS, C

Manufacturing: Lathes and mills, CNC, rapid prototyping

Leadership, Involvement and Awards

Society of Manufacturing Engineering

- Treasurer

Sept. 20xx – June 20xx

Eagle Scout, Boy Scouts of America

Interests: Water and snow skiing, backpacking, photography, machining, cars, and computers