REUEL INDURKAR

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A current student at Colorado State University studying Mechanical Engineering, with experience within the fields of batch manufacturing, engineering drawings, and design. Possessing expertise in attention to detail, quality control, and project development. Interested and looking for careers in the automotive, nuclear, and HVAC engineering industries. Eagerness to learn all aspects of engineering. A hardworking individual with exceptional teamwork skills.

- Manufacturing
- Engineering Drawing Interpretation
- Solidworks
- Arduino and Breadboard programming
- Project Safety Assessment
- Machinery Operation
- Communication and Interpersonal Skills
- Engineering Design
- CNC Machining and Manual Machining
- Customer service
- Estimation
- Coding in Java, C++, and Matlab

PROFESSIONAL EXPERIENCE

PROJECT ADVISOR for ACE HARDWARE, San Jose, California (May 2021 - August 2021)
Full-time Summer Employment
⌐ *Project Advisor*
- Provided customers with professional insight on project ideas
- Learned skills such as plumbing, electrical, fasteners
- Developed excellent customer relations skills.

PRODUCT HANDLER AND INSPECTOR for MYNATIVITY.COM, San Jose, California, (August 2015 - May 2020)
Full-time Employment
⌐ *Produce Handler and Inspector*
- Handled, inspected, and assembled 13mm and 10mm marine grade pvc products at Mynativity.com
- Worked on an efficient assembly line team which required streamlined teamwork
- Trusted with handling and inspecting pvc products worth over $1000 in value
- 5 years of fast paced assembly line production experience
- Able to work efficiently under time pressure

PROJECTS

- Manufactured a Clock, Screwdriver, and Trivet using various CNC and Manual machining processes
- 3D surface modeled a peppermill grinder, along with other relevant models in Solid works
- Created a working temperature sensor using Arduinos and Breadboards in conjunction with Matlab. Analyzed real weather patterns from various cities across the US with the project
- Created a working force sensor using Arduinos and Breadboards in conjunction with Matlab. Used this to analyze many values from the force of water

RELEVANT COURSEWORK

- **Mech 200 -** Manufacturing Processes
- **Mech 105 -** Mechanical Engineering Problem Solving
- **Mech 200 -** Engineering Design
- **Cive 260 -** Engineering Mechanics : Statics
- **Cive 261 -** Engineering Mechanics : Dynamics
- **Physics 141,142 -** Engineering Physics

EDUCATION & TRAINING

Bachelor of Sciences: Mechanical Engineering – Department of Mechanical Engineering, Colorado State University, Fort Collins, CO (August 2020 - December 2024)
Pursuing a Mechanical Engineering degree with an interest in Automotive, Nuclear, and HVAC engineering. Prospective graduation date of December 2024.

High School Diploma (GPA 3.79) – University Preparatory Academy, San Jose, California (August 2016 - June 2020)
Attended a rigorous academically inclined high school for students with goals of higher education