

REDDIT U. SER

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MECHANICAL ENGINEER

Aspiring engineering professional with success in managing communications and technical workflows under tight deadlines. Seeking role in an organization that values hard work and commitment to excellence. Possess strong technical aptitude with ability to quickly learn engineering methods and concepts. Strong communications skills leveraged to cultivate relationships with key internal and external stakeholders. Consistently devote extra time and effort required to complete critical tasks.

AREAS OF EXPERTISE

Mechanical System Design – Project & Time Management – Cross Team Collaboration – Leadership
Communication Skills – Material Science – Analytical Thinking – Problem Solving

EDUCATION

Bachelor of Science in Mechanical Engineering, STATE INSTITUTE OF TECHNOLOGY, City, Coast State (2018)
Graduated Cum Laude; GPA 3.55

Selected Coursework: Mechanical Engineering System Design and Labs; Thermodynamics; Computer-Aided Design (CAD); Thermodynamics; Heat Transfer; Engineering Statistics & Calculus; Metallurgy; Industrial Robotics; Stress Analysis; Machine Design; Fluid Dynamics, Fundamentals of Electrical Engineering

ENGINEERING PROJECTS

Project Management and Oversight of Café Renovations

- ⇒ Oversaw café renovations at Novartis and met tight deadline of one weekend for project completion. Ensured proper installment and functionality before reopening of café.

Optimization of Heat Transfer in M249 Machine Gun Barrel Using Annular Fins

- ⇒ Performed calculations to determine heat flux through the gun barrel and fin efficiency.

Design and analysis of a self-contained Aeroponic system

- ⇒ Designed stackable aeroponics watering system to effectively control temperature, light and humidity, allowing food growth indoors with limited space.

PROFESSIONAL EXPERIENCE

MECHANICAL ENGINEERING INTERN

JUNE 2017 - SEPTEMBER 2017

Big Pharmaceuticals | College Town, Coast State

Provided daily support and made recommendations to Professional Engineer during internship.

- ⇒ Oversaw all aspects of café renovations project while ensuring space was food ready and operational for Monday morning.
- ⇒ Led space planning efforts by creating and implementing efficient workspace location system and upgrading floorplans using AutoCAD.
- ⇒ Conducted daily building assessments to ensure all HVAC and UPS systems were working properly per code.

Additional Experience: Bar Manager, Boutique Hotel: Beach Town, Coast State 2014-Present

TECHNICAL SKILLS

3D Modeling, PTC Creo, SolidWorks, AutoCAD, MS Office Suite (Word, Excel, PowerPoint)