

Amira Khan

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SUMMARY

Detail-oriented and motivated recent graduate with a Bachelor's degree in Mechanical Engineering. Proficient in CAD software and project management methodologies, demonstrating strong problem-solving skills and a commitment to delivering innovative design solutions.

EXPERIENCE

Junior Design Engineer

Jan 2022 - Present

Innovatech Solutions, Seattle, WA

- Contributed to the successful redesign of a key product line, reducing production costs by 15%, equating to a savings of \$100,000 annually.
- Collaborated with cross-functional teams to streamline design processes, cutting project completion time by 20%.
- Utilized SolidWorks and AutoCAD for 3D modeling, ensuring high fidelity in prototypes and designs.

Intern Design Engineer

Jun 2021 - Aug 2021

Tech Innovations Inc., Seattle, WA

- Assisted in the development of a new robotic arm, conducting simulations that improved motion accuracy by 10%.
- Participated in weekly design reviews, providing input that led to a 30% reduction in design errors.
- Helped create technical documentation and user manuals that improved user understanding and reduced training time by 25%.

Engineering Assistant

Sep 2019 - May 2021

University Engineering Lab, Seattle, WA

- Supported design projects by preparing CAD drawings and models, enhancing overall project efficiency by 15%.
- Conducted material selection analysis which improved product durability by 20%.
- Led a student team project on sustainable design, winning the university's innovation award.

EDUCATION

Bachelor of Science in Mechanical Engineering

May 2021

University of Washington, Seattle, WA • GPA: 3.7

SKILLS

Technical Skills: CAD Design, 3D Modeling, Finite Element Analysis, Project Management

Tools & Frameworks: SolidWorks, AutoCAD, MATLAB