

Emily Tan

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Objective

Enthusiastic Electrical Engineer with a strong foundation in electrical systems, power distribution, and circuit design. Seeking a challenging role to apply technical expertise in designing, testing, and optimizing electrical systems. Committed to delivering innovative solutions that contribute to project success and organizational growth.

Experience

JAN 2022 – PRESENT

Electrical Engineer | ST Engineering, Singapore

- Collaborated with cross-functional teams to design and implement electrical systems for defense and aerospace projects.
- Conducted detailed power systems analysis, ensuring compliance with industry standards and regulations.
- Utilized AutoCAD and MATLAB for circuit design, simulation, and analysis.
- Participated in the testing and troubleshooting of electrical systems to ensure functionality and safety.
- Prepared technical documentation, including specifications and manuals, for project deliverables.

MAY 2021 – AUG 2021

Electrical Engineering Intern | ABB, Singapore

- Assisted in the design and implementation of power distribution solutions for industrial clients.
- Conducted circuit analysis and design for electrical control panels and systems.
- Participated in field surveys to assess electrical systems and propose improvements.
- Gained hands-on experience in troubleshooting and maintenance activities.

Skills

Electrical Systems Design • Circuit Analysis and Design • Power Distribution • Control Systems • Electronic Circuitry
• AutoCAD and MATLAB • Technical Documentation • Troubleshooting and Maintenance • Project Management
Communication Skills • Team Player • Excellent Time Management Skills • Public Speaking

Education

2021

Bachelor of Engineering in Electrical Engineering | Singapore University of Technology and Design

References

Available on Request