

Zoe Sano

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OBJECTIVE

Motivated Electrical Engineer with expertise in operating systems, cloud technologies, and engineering best practices. Passionate about delivering innovative solutions that improve business operations and enhance customer experiences. Seeking a collaborative role where I can apply my technical skills to drive impactful results in an innovative environment.

EXPERIENCE

HOLLAND & HART LLP

Patent Engineer

Boulder, CO

January 2022 - May 2023

- Collaborated directly with inventors and legal teams to understand complex engineering innovations and translate them into patent applications, demonstrating a deep understanding of client business needs and technical solutions.
- Authored and refined responses to Office Actions, effectively communicating technical concepts and solutions, showcasing strong problem-solving and presentation skills.
- Participated in invention disclosure meetings, advising on the potential business impact of patentable technologies and accelerating the process to support client objectives.

EPIROC

Automation Engineering Intern

Garland, TX

June 2021 - August 2021

- Designed and implemented a real-life testing device for automated surface drill rigs, illustrating innovative problem-solving skills and practical knowledge of Linux, Python, C, and C++.
- Worked with a cross-functional team to troubleshoot and enhance design interfaces, demonstrating collaborative skills and improving the device based on feedback from the customer.
- Developed and presented a working prototype to supervisors, demonstrating its effectiveness and reliability, showcasing strong communication and project management abilities to internal stakeholders.

NETENTERPRISE

Information Technology (IT) Intern

Honolulu, HI

June 2019 - July 2019

- Configured and established network infrastructures, including CAT5 wiring and Wi-Fi installation, to enhance connectivity and improve business operations.
- Provided direct customer support by troubleshooting technical issues and performing repairs, effectively minimizing client downtime and ensuring system reliability.
- Collaborated with IT team members to implement network solutions that reduced setup times and met specific business requirements.

EDUCATION

COLORADO SCHOOL OF MINES

Bachelor of Science in Electrical Engineering, with a focus on Antennas & Wireless Communications

Golden, CO

2017 - 2021

- *Awards:* 3.65 GPA, Cum Laude, Dean's List, Honor Roll
- *Societies:* Institute of Electrical and Electronics Engineers (IEEE), Society of Asian Scientists & Engineers (SASE)
- *Athletics:* Captain, Mines Varsity Women's Soccer Team (NCAA DII), 2x Honorable Mention All-RMAC Player
- *Job History:* Teaching Assistant (Electromagnetics, EENG 386), Mines Student Ambassador, Admissions Undergraduate Application Clerk, Front Desk Assistant at Starzer Welcome Center
- *Projects:* UV Light Disinfection Project for Senior Design, Low Noise Amplifier Design Project for Active RF & Microwaves Course, Coupled Line Coupler Project for Passive RF & Microwaves Course, Magnetic Fields from Power Lines and Possible Interference with Pacemakers via Matlab Analysis for Electromagnetics Course, Antenna Design

SKILLS AND PERSONAL

- Active AWS Certified Cloud Practitioner, AWS Cloud Solutions Architect Specialization Certificate (Coursera)
 - Proficient in Cloud Architecture Design, AWS Services, Security, Infrastructure as Code (IaC), Containers
- Google UX (User Experience) Design Specialization Certificate (Coursera)
- Meta Fullstack Developer Specialization Certificate (Coursera)
 - Frontend & Backend Expertise: HTML, CSS, JavaScript, React, Python, Django, SQL, APIs, Git
- Keysight ADS Radio Frequency and Microwave Engineering (RF/MW) Industry Ready Certified Student
- HAM Radio Technician License (Call Sign: WH6GNN)
- Member of the Japanese American Citizens League (JACL), Kakehashi Project Participant 2024