Jennifer Mallari

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I am UI/UX designer with 5 years of experience in satellite engineering, driven in combining design skills and technical expertise to create human-centred solutions that helps connect complex systems with user needs. Skilled in front-end development, user research, usability testing, wireframing, prototyping, and design systems.

PROFESSIONAL EXPERIENCE

Web Designer and Developer at Langara College Applied Research Centre

October 2024 - Present

- Designed and developed the website for the ARC - CCSIF IDEAs in Public Recreation research project, ensuring a user-friendly and visually engaging experience
- Led the end-to-end web design process, including userflow, sitemap, wireframes, and high-fidelity mockups.
- Built and launched the website using Webflow, integrating interactive features and responsive design for a seamless browsing experience.
- Designed promotional materials and infographics to effectively communicate research findings and engage the community.

Recreation Studies - Student Aide at Langara College

October 2023 - December 2024

- Recorded, edited, and managed lecture captures to enhance student learning and support instructors in HyFlex teaching.
- Provided technical support to instructors and students, troubleshooting multimedia tools and ensuring a smooth online and in-person learning experience.
- Assisted in the research projects by conducting data collection compiling findings to support the department.

Senior Satellite Controller at Agility Beyond Space

March 2018 - August 2023

- Performed on orbit operations of spacecrafts using Epoch and iTACS platform.
- Analyzed downlink telemetry to detect and react immediately to satellite anomalies, execute required contingency procedures and take necessary actions to restore the satellite to its nominal configuration.
- Built and designed UI telemetry viewer pages for satellite monitoring using Epoch.
- Developed tools for data gathering using Python programing language.
- Supported ground system support engineers and technical assistance center engineers with ground and customer issues.

SKILLS

- Proficient in Web and Graphic Design Tools (Figma, Adobe Creative Suite)
- Skilled in Front-end Development and Project Management Tools (HTML, CSS, Webflow, JIRA)
- Empathic, effective under pressure, calm and composed in different working environment
- Detail oriented and organized
- Critical and analytical thinking, problem solving and decision making
- Able to self-manage or collaborate with a team

EDUCATION

Post Degree Diploma in Web and Mobile App Design at Langara College | 2023 - 2024

Bachelor of Science in Electronics Engineering at Holy Angel University | 2011 - 2016