Jad **Al Riyabi**

JA

Contact

Github

LinkedIn

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Technical Skills

- **Programming Languages:** C/C++/C#, Python, Java/JavaScript, HTML/CSS, SQL/SQL Lite, Rust, MATLAB
- **Developer Tools:** Figma, GitHub, Android Studio, Docker, MongoDB, Android Studio, TensorFlow, Prompt Engineering
- **Project Management:** Jira, Asana, Power BI, Power Apps, Microsoft 365, AWS, SharePoint

Work and Leadership Experience

Technical Program Manager | Absolute Security *(Jan 2024 - Present)*

- Served as **Scrum Master** for multiple teams by leading scrum sessions, facilitating sprint planning sessions aligning with team velocity using **Jira**, enhancing product delivery leading to a successful product releases.
- Represented software teams in scrum of scrums and weekly product management meetings as the teams **Program Manager**, fostering cross-team collaboration and resolution of issues and risk analysis.
- Triaged bugs and feature requests with engineering stakeholders to meet upper management's product release goals. As well as collected data, metrics, and logs to track team progress towards product release, aiding informed decision-making on mitigation plans.

Software Developer | SFU MSA *(May 2023 - May 2024)*

- Utilized **SQL** and **Java** to implement an object oriented library system, which included inventory management, book tracking and user authentication
- Conducted meetings in a **SCRUM** fashion by making valuable suggestions which helped pilots and dockers additions made to the System, While Implementing Jira such as the MSA library System and Website.

Project Manager - Coop | SFU Charles Chang Institute *(Aug 2023 - Dec 2023)*

- Employed **Asona** for efficient project management and team communication, using **agile project management** to organize a large competition and workshops for the Institute's biggest Event of 2023.
- Implemented a mobile app using **Android Studio Dock** for judging booths at the competition, transitioning from a time-consuming paper-based workflow to a streamlined digital process that saved each coordinator **30+ minutes** of event time.

Projects

Artificial Intelligence Whale and Dolphin Identification | Machine Learning

- Built a **machine learning** CNN model utilizing **PyTorch and TensorFlow** to correctly classify dolphin and whale images, overcoming challenges and extensive hyperparameter tuning to attain an entropy loss value of 1.

MSA Library System and Website | Full Stack Development

- Utilized **Django and C++** as a web development framework to implement the **web app** and created a secure security system ensuring data privacy showcasing strong problem-solving skills.
- Utilized **SQLite** to support building a library system, inventory management, and user authentication.

Escape the Maze Game | Game Development

- Utilized **Java** to implement core game mechanics, player interactions, **concurrent programming**, and maze-solving algorithms, showcasing proficiency in Java programming for **game development.**
- Effectively Lead to the Project with a team of 4 developers using **Jira**, met timelines and successfully completed tasks, used **Test-Driven Development** to ensure game features met requirements.

Education

B.Sc. Computing Science concentrating in AI & Minor in Business Administration *(Jan 2020 - Aug 2023)*
Simon Fraser University

Certified ScrumMaster® (CSM®)
Scrum Alliance