



Education

- **B.Sc. Computing Science concentrating in AI & Minor in Business** *Simon Fraser University* *Graduation: October 2024*
Selected Sources: Data Structures and Algorithms, Software Development Methodologies, Artificial Intelligence
- **Certified ScrumMaster® (CSM®) | Scrum Alliance**

Technical Skills

- **Programming Languages:** C/C++/C#, Python, Java/JavaScript, HTML/CSS, SQL/SQL Lite, Rust, MATLAB
- **Developer Tools:** AWS, Vercel, Firebase, Git/GitHub, React, MongoDB, Stripe, TensorFlow, OpenAI, Selenium
- **Project Management:** Jira, Bitbucket, Conflunce, Asana, Power BI, Power Apps, Microsoft 365, SharePoint

Work and Leadership Experience

- **Software Developer In Test – Intern | Absolute Security** *(Aug 2024 – Present)*
 - Developed and maintained the Automation framework using **Java** to test new Absolute Security products.
 - Reduced automated stress and performance tests latency for PC, Mac, and Chromebook devices by **15%**.
 - Ran regression tests by building a **Selenium** framework, identifying **10+** minor and **5+** major defects to date.
 - Efficiently manage projects from proposal to certification and then deployment, working with teams to evaluate and automate complex internal systems, increasing project efficiency by **20%**.
 - Integrated **AWS** tools into our team's micro-services, enhancing feature performance speed by **8%**.
- **Technical Program Manager – Coop | Absolute Security** *(Jan 2024 – Aug 2024)*
 - Served as **Scrum Master** for multiple teams by leading scrum sessions, facilitating sprint planning sessions aligning with team velocity using **Jira**, leading to a successful product releases.
 - Represented teams in scrum of scrums and weekly product management meetings as the teams **Program Manager**, fostering cross-team collaboration and resolution of issues and risks between software teams.
- **Software Developer | SFU MSA** *(May 2023 – May 2024)*
 - Utilized **MongoDB** and **C++** to implement an object oriented library system, which included inventory management, book tracking and user authentication.
 - Developed the Association's website using **CSS, JavaScript and Webflow** attracting **500+** users per month.
- **Project Manager – Coop | SFU Charles Chang Institute** *(Aug 2023 – Dec 2023)*
 - Built an app using **Power Apps** for event purposes, transitioning from a paper-based workflow to a digital process that saved employees **30+ minutes** during the biggest event of the institute that I lead.
 - Managed relationships with stakeholders and sponsors, aligning projects with their strategic goals.

Projects

- **Artificial Intelligence Whale and Dolphin Identification | Machine Learning**
 - Built a **machine learning** CNN model utilizing **TensorFlow** to correctly classify dolphin and whale images, overcoming challenges and extensive hyperparameter tuning to attain an entropy loss value of 1.
- **Developer Coach GPT Chatbot | Full Stack Development**
 - Implemented a **React**-powered chatbot and leveraged **OpenAI API** to provide tailored guidance, problem-solving, and interview tips, helping users secure six-figure jobs in the tech sector with **~1000** users waitlisted.
 - Hosted Dev Coach securely on **AWS** S3 Bucket, ensuring reliable performance and data security for users.
- **AI FlashCards App | SaaS Development**
 - Integrated the **OpenAI API** to dynamically generate customized flashcard queries based on user input.
 - Hosted the app on **AWS** while using **Firebase** to securely manage user's credentials effectively.
 - Developed the app using **React, Next.js, JavaScript** and **Stripe** that achieved **\$1000** in revenue. Meanwhile Deploying the app using **AWS** S3 Buckets to ensure **(CI/CD)** capabilities.