Paul Wang

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WORK EXPERIENCE

Teck Resources Ltd.   **Jun. 2021 – Jun. 2024**

Jr Technical Product Owner | Oct, 2022 – Jun, 2024   *Vancouver, BC*

- Led a team to develop and maintain a core application suite supporting coal mining operations at one of the world's largest producers.
- Filled the roles of both software developer and product owner, working both on technical aspects as well as collaborating with corporate stakeholders/on-site engineers to develop and prioritize our backlog.
    - Developed a long-term product roadmap (5-year horizon) and led successful delivery of year-one initiatives.
    - Built a telemetry-based usage analytics system using Azure Cosmos DB, enabling insight into user engagement and feature adoption.
    - Leveraged telemetry metrics to support the migration of a legacy application to modern web-based frameworks.
- **Stack:** C++ (desktop app), C# .NET Core (web app & backend service), Vue.js (mobile app), SQL Server

Technical Analyst | Jun, 2021 – Oct, 2022

- Initially hired as a Technical Analyst, performing primarily software development responsibilities, before taking on the additional product ownership role.

General Dynamics - Mission Systems   **Jan. 2019 – Dec. 2019**

Software Developer   *Calgary, AB*

- Participated in a large-scale embedded systems project (100+ engineers), developing software for defense-grade GPS and communications devices.
- Wrote application-level code emphasizing robustness by adhering to S.O.L.I.D. principles and employing Test-Driven Development methodologies.
- Developed and maintained CI/CD and testing pipelines with Jenkins and Google Test to streamline integration.
- **Stack:** C++, C, Python/Bash

Alberta Distance Learning Center   **Jan. 2016 – Oct. 2017**

Interactive Web Developer   *Calgary, AB*

- Collaborated one-on-one with educators to design and develop custom JavaScript web applications and learning tools for online Moodle courses.

EDUCATION

University of Calgary   **Apr. 2021**

Bachelor of Science, Major in Computer Science w/ Internship   *Calgary, AB*

CERTIFICATIONS, SKILLS & TECHNOLOGY

- **Certifications:** SAFe Trained and Certified
- **Programming Languages:** C++, C#, Java, Python, JavaScript, SQL
- **Technical Proficiencies:** Microsoft Azure, AWS, Google Test, Jenkins, SQL Server, MongoDB, Git, Vim, Docker, React, Vue, PowerBI
- **Skills:** Stakeholder Communication, Requirements Gathering, Backlog Management, Strategic Planning