

# Fred Mose

Product Owner

## WORK EXPERIENCE

### Quester Tangent, Victoria, BC

*Leading manufacturer and supplier of train electronics and software solutions for passenger rail and locomotive industries in North America.*

Product Owner

08/2021 – Present

- Responsible for setting the product goals and requirements through consultation and information solicitation with our direct sponsors and company executives.
- Supporting the development teams in system architecture refinement and help with challenging integration and networking hurdles, improving efficiencies by 25%.
- Coordinating the project teams to ensure system and software consistency, proper configuration and compliance with software architecture, protocols, and standards.
- Defining product roadmaps outlining the vision, direction, priorities, and product development progress to align with the short-term and long-term business initiatives.
- Owning backlog grooming and management, prioritizing user stories, creating acceptance criteria, and driving testing and product delivery.
- Analyzing key performance metrics and implementing solutions to help track budget and delivery of project releases increasing productivity by 15%.

Software QA Test Specialist (Lead)

11/2020 – 07/2021

- Created and updated software test plans and test procedures based on System and Software requirements following IEEE 1558 software documentation standards.
- Collaborated with Product Owners to establish test cases based on System and Customer requirements.
- Implemented and executed automated test scripts using Python for functional, performance, and stress testing of the Train Control Monitoring System (TCMS).
- Performed manual and automated functional and non-functional testing of the TCMS, both in simulation and on target hardware.
- Generated software test reports, metrics, and bugs for every software release.
- Trained and mentored new team members, also created support documentation such as system user manuals which accelerate their onboarding by a month.

### Thales Transport, Burnaby, BC

*World's leading Communications-Based Train Control (CBTC) solution provider.*

System Test Engineer

04/2019 – 10/2020

- Executed manual and automated functional software testing of the CBTC system, both in simulation and on target hardware.
- Identified, analyzed, reported, and verified software deficiencies found during functional, regression and endurance testing using ClearQuest.
- Created reference documentation and troubleshooting logs for lab hardware test fixtures, to help, thereby reducing the project setup time by 40%.
- Upgraded and installed lab test fixture hardware and software in support of project testing events.
- Performed preventive maintenance and troubleshooting of hardware to ensure all the CBTC lab equipment were good working condition in accordance with the CENELEC standards EN 50126, 50128, and 50129.

## PREVIOUS EXPERIENCE

**Software Test Engineer (Co-Op)**, Sierra Wireless, Richmond, BC

05/2017 – 12/2017

**Junior Web Developer (Co-Op)**, Olka Solutions, Burnaby, BC

05/2016 – 08/2016

**Research Assistant (Co-Op)**, MENRVA Group SFU, Burnaby, BC

01/2015 – 05/2015

## SUMMARY

Certified Product Owner with over 4 years of product development and testing experience. Proven track record of leading cross-functional teams and analyzing customer feedback to drive product improvements. Exceptional communication and leadership skills.

## CONTACT

- City: Victoria, BC
- Phone: 604-355-2880
- Email: mosedref@gmail.com
- Social: linkedin.com/in/fred-mose

## SKILLS

### Hard Skills:

- Release Planning
- Backlog Management
- Resource Forecasting
- Requirements Gathering
- Scrum
- Team Management
- Product Road Mapping
- Mentoring
- Leadership

### Techniques:

- Product Management
- Agile Methodologies
- User Stories

### Tools and Software:

- C++, Python
- HTML/CSS
- Selenium WebDriver
- Jira, Confluence
- Git, Perforce
- OS: Windows, Linux

### Language:

- English, Swahili

## EDUCATION

Simon Fraser University  
Bachelor of Applied Science  
Systems Engineering  
Burnaby, BC  
09/2013 - 12/2018

## CERTIFICATIONS

- Professional Scrum Product Owner (PSPO I) -Scrum.org