

Ji-Won Park

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Professional Summary

Results-driven Product Manager with over six years of experience in product and project management within robotics. Skilled in defining product roadmaps, managing cross-functional teams, and executing go-to-market strategies. Known for strong technical problem-solving abilities, strategic sourcing, and customer-centric product development.

Experience

Deep Trekker, Kitchener, Ontario, Canada

Product Manager 2021 – Present

- Defined product roadmap aligning company vision with engineering capacity and market needs, directly influencing growth in international markets.
- Sourced critical components from global vendors in Europe and North America to ensure timely product development.
- Conducted training sessions and gathered product feedback from international clients.
- Gathered VOCs from tradeshow, demos and interviews, refining product specifications, and identifying opportunities to enhance customer experience.

Project Manager 2020 – 2021

- Spearheaded prototyping, testing, and project planning for pipe inspection robots, ensuring adherence to timelines and budget constraints.
- Organized and led sprint meetings to foster collaboration among cross-functional teams, including engineering, QA, and product design.

Project Lead – Embedded Systems 2019 – 2020

- Led firmware development for wheeled systems, ensuring high-quality code standards and documentation practices.
- Designed solutions and strategies to meet project goals, overseeing technical progress from concept to implementation.

Embedded Engineer 2018 – 2019

- Developed STM32 F-series firmware, implementing advanced motion control algorithms, including PID, Sliding Mode, and Kalman filters.
- Created drivers for motors, Ethernet switches, and various encoders.

Education

University of Waterloo, Canada

Bachelor of Applied Science in Mechatronics Engineering 2013 – 2018

Technical Skills

Languages & Tools: Embedded C, Python, Docker, AWS, STM32

Product & Project Management: Agile, CRM, UX, Risk Management, KPIs

Embedded Systems: Motion Controls, Driver Development, Firmware Optimization