

KALLI BONIN

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ACHIEVEMENTS

- 2 years of Product Management industry experience with hardware and software-based products
 - Interacting directly with customers and translating their needs into user stories and product requirements
 - Own and document product requirements in **MRD** and **PRD**, developed a product vision and strategy
 - Present market research + competitive positioning, summarized data findings, + generated actionable insights
 - Understand importance of a first impression and lexicon of a product, named the company's first product to launch
 - Lead by **influence without formal authority**, enthusiasm to drive a team, and ability to present concise knowledge
 - Passion for creating innovative and well-designed solutions, pushing + questioning boundaries far outside the box
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SKILLS

Human-Robot Interaction (HRI)

Value proposition and key claims

Customer-Centric Point of view

MRD and PRD documents

Effective Communicator

Ruthlessly Prioritize

Qualitative Data Analysis

Software and Hardware

Solidworks – AutoCAD – Inventor

C++ / C / C# / Python / Matlab

Problem Solving + Strategic Focus

Engineering and Robotics degree

EDUCATION

University of Waterloo, Waterloo, ON

2017 – 2022

Bachelor of Applied Science BASc - Mechatronics Engineering

- Excelled in Customer Experience Design and Leadership courses

Coursera – Andrew Ng – Stanford University - Machine Learning - License NQG4F42PBHBH

2018

WORK EXPERIENCE

X, the moonshot factory, The Everyday Robot Project, Mountain View, CA

05/21 – 08/21

Product Management

- Understood customer needs to define and prioritize over 50 user experience pain points
- Spoke with company stakeholders to formulate user needs for an upcoming platform milestone
- Met with market leaders to understand available solutions and possible intersection of future needs
- Proposed and presented plan of action for short and long term implementation of platform project

THE YES, Burlingame, CA

01/21 – 04/21

Product Management

- Understand user needs by market assessment, quantitative analysis, and qualitative feedback
- Create technical product requirement documents working closely with software engineers
- Develop the product roadmap and build consensus on prioritization
- Drive execution of the product roadmap through close collaboration with design and engineering
- Analyze metrics that inform product success & health, as well as future work using Amplitude
- Improve product development processes, shipping products faster, raising customer satisfaction

Matician, Palo Alto, CA

05/19 – 08/19 & 01/20 – 04/20

Product Management (01/20 – 04/20)

- Established expertise on consumer needs through demographics, HRI and users' expectations
- Performing competitive analysis through user research and data analysis and projections
- Outlining the user journey from unboxing product to first week of product usage
- Ability to drive teams of cross-functional backgrounds on timelines through presentations and data
- Clearly articulate a path forward even in ambiguous situations utilizing both technical and mechanical constraints

Product Management (05/19 – 08/19)

- Creating press releases and marketing documents to strategically gauge product decisions
- Research product differences, opinions, solutions, and possible enhancements of product design
- Proven track record in supporting the planning and build of products and new features
- Knack for gleaning customer insights both from qualitative discussions and quantitative data
- Synthesis of programming and mechanics to fully integrate product design

Shoplogix - Division of Canada's largest and most successful tech company, Burlington, ON 09/18 – 12/18

Application Engineer

- Understanding client usage to develop sophisticated software tests to increase efficiency and screen for errors
- Predicting customer needs to create scripts to debug a problem 25% faster
- Created VBA scripts to alter display information to cater to customer needs
- Develop Python script to scrape XML data from the company database increasing efficiency by 65%
- Closely assisted in managing key account, driving the success of their Smart Factory

Evertz Microsystems, Burlington, ON

01/18 – 04/18

Hardware Design Engineer

- Programmed FPGAs using VHDL || Created test procedure for prototype boards
- Completed engineering change orders – daily documentation || PCB Design, prototyping, and debugging

E-bots Robotics, Oakville, ON

2012 – 2017

Programming / Project Design Instructor

- NXT-G programming || Critical thinking and project design || Teaching students ages 7 to 14 years

Stand Up and Speak, Mississauga, ON

2013 – 2017

Public Speaking Instructor

- Taught interactive speaking curriculum to students ages 6 to 16 years
- Focused on effective communication and presentations while engaging with large audiences

PROJECTS / PINNED ACTIVITIES

UW Robotics Team

2019 – 2020

- As project management lead, organized 6 sub teams comparing technical versus mechanical scenarios
- Set deadlines, understood dependent task timelines to predict and plan to stay on schedule, using Gantt charts

UW React

2018 - 2019

- Create in 6 months the best fully autonomous FRC robot against teleoperated robots in a competition match
- Mechanical Lead working with a group of motivated students to design and manufacture an industrial sized robot
- Member of the Path Planning Team applying fundamental knowledge of machine learning in a real-life application

WATonomous AutoDrive Team

2017 - 2018

- SAE Autodrive Challenge: UWaterloo student design team-transform a car onto a level 5 autonomous self-driving car
- Understand the physics behind a moving car and how its surroundings affected its movement

Captain and Lead Builder – Team 5225A – The Pilons

2011 – 2017

- FLL Lego League (2011 – 2014) and VEX Robotics (2013 - 2017) - World / Provincial / Regional Winner
- Autonomous and teleoperated robotics included design, build and program one robot with different challenges yearly
- 2011 – 2017 won in Top 10 every year at World Competition

Public Speaking Maven

2005 – 2017

- Performed both memorized and impromptu speeches || Provincial / Regional placements every year

Black Belt Shotokan Karate Sensei

2003 – 2017

- Blackbelt Shotokan Karate 2011 || Green Belt Brazilian Jiu Jitsu || 2015 - Instructor of Shotokan