

# KALLI BONIN

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## ACHIEVEMENTS

- Interacting directly with customers and translating their needs into user stories and product requirements
- Presented market research + competitive positioning, summarized data findings, + generated actionable insights
- Own and document product requirements in **MRD** and **PRD**, developed a product vision and strategy
- 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

## SKILLS

<b>Human-Robot Interaction (HRI)</b> Value Proposition and Key Claims <b>Customer-Centric</b> Point of View	Effective Communicator <b>Ruthlessly Prioritize</b> Qualitative Data Analysis	Solidworks – AutoCAD – Inventor <b>C++ / C / C# / Python / Matlab</b> Problem Solving + Strategic Focus
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## WORK EXPERIENCE

<b>Matician</b> , Palo Alto, CA 04/20	Co-op 3 & 4    05/19 – 08/19 & 01/20 –
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### Product Management Intern II (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 Intern (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

<b>Shoplogix</b> - Division of Canada's largest and most successful tech company – 12/18	Co-op 2    09/18
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### 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

<b>Evertz Microsystems</b> , Burlington, ON 04/18	Co-op 1    01/18 –
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### Hardware Design Engineer

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

<b>E-bots Robotics</b> , Oakville, ON	2012 – 2017
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### Programming / Project Design Instructor

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

<b>Stand Up and Speak</b> , Mississauga, ON	2013 – 2017
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### 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

## EDUCATION

<b>University of Waterloo</b> , Waterloo, ON	2017 – 2022
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Bachelor of Applied Science BASc - Mechatronics Engineering

- Excelled in Customer Experience Design and Leadership courses

<b>Coursera – Andrew Ng – Stanford University</b> - Machine Learning - License NQG4F42PBHBH	2018
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## PROJECTS / PINNED ACTIVITIES

<b>UW Robotics Team</b>	2019 – 2020
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- 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

<b>UW React</b>	2018 - 2019
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- 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

<b>WATonomous AutoDrive Team</b>	2017 - 2018
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- SAE Autodrive Challenge: UWaterloo student design team to 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

<b>Captain and Lead Builder – Team 5225A – The Pilons</b>	2011 – 2017
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- 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

<b>Public Speaking Maven</b>	2005 – 2017
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- *Performed both memorized and impromptu speeches || Provincial / Regional placements every year*

<b>Black Belt Shotokan Karate Sensei</b>	2003 – 2017
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- Blackbelt Shotokan Karate 2011 || Green Belt Brazilian Jiu Jitsu || 2015 - Instructor of Shotokan