JEY JEYAPALAN

Engineer. Product Manager.

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SKILLS

Program Management,
Agile Methodologies, UI/UX Design
Design Thinking, Machine Learning
User Research, Prioritization

Languages: Java, SQL, Python, R, VBA
Web: HTML5, CSS 3, PHP, Bootstrap
Graphics: Photoshop, Figma, Axure
Tools: Asana, Jira, Trello, Git, Azure

LEADERSHIP

President - Product Vision Club
Managed a team of 40+ students to promote and train future generations of pm interns via education and community

Outreach Director- Waterloo Engineering Society
Organized resume critiques, workshops, and mentorship programs for 300+ 1st year students

Ambassador & Trainer- KW Toastmasters Association
Winner of 2019 Best Prepared Speech

AWARDS

PayPal Innovate Contest (2018)
2nd/96 teams in case competition for emerging technology adoption.
Pitched Software Solution to PayPal CEO

Microsoft Alumni Young Entrepreneur   (2019)
Awarded $2000 through Conrad School of Business for promising work in social entrepreneurship.

EDUCATION

Management Sciences- Engineering

University of Waterloo -2022

Relevant Courses

Statistics, Stochastic Models, Algorithms & Data Structures, Database Systems

Entrepreneurship Minor

EXPERIENCE

HomeVyne | Co-Founder + Product Manager   Aug 2019- Present
- Led team to define **product strategy** & develop **AI** platform to help single seniors connect and share unused rooms in their homes
- Won **$12.5K** in funding from Velocity, Communitech and Conrad Business Startup Accelerators in **2 months**
- **Managed** 3 software developers, 1 designer, and 2 marketers to define product strategy and MVP as a lean startup
- Interviewed **150+** target users, built use-cases, and conducted **design sprints** to identify pain-points and improve empathy

IBM Watson | Technical Product Manager   Jan 2019- May 2019
- Led **strategic planning**, market research & **product vision** to enter untapped mobile SPM market projected at **$1.6B** by 2022
- Conducted **23** interviews with SaaS customers including **Amazon**, **Salesforce**, **Gartner** to prioritize roadmap feature decisions
- **Managed** complete **product life cycle**, acting as open-channel of communication between **design** and **engineering** resources for

ValidateIT | Product Manager Intern   May 2018- Aug 2018
- Led **user- research** and stakeholder communications to increase **upgrade value**, resulting in **31% increase** in platform subscriptions
- Designed **business plan** for market research product targeted at governmental organizations, uncovering revenue of **$50k/customer**
- **Streamlined** tracking of complex client configurations, providing new actionable insights into feature usage and product market fit

Tricontek Inc | Front End Engineering Intern   May 2017- Sep 2017
- **Designed** specifications, created mockups, and coded new company website using HTML generating **43%** more site traffic
- Generated **$120K** in revenue through collaboration with **electrical**, **software**, and **design** teams to transition machines from analog to digital touch displays
- Saved **150 hours** monthly through data base development (using **MS Access** and **SQL**) to record orders, track shipping, manufacturing, and assembly in factory

TECHNICAL PROJECTS

What's Your Mood?
- Built an activity recommendation app that uses **machine learning** techniques to recommend things to do based on user's current mood state
- Used **logistic regression** models, prediction **algorithms**, and collaborative filtering. Used **D3.JS** for graphing, **Django** for backend, and **AngularJS** for front

NBA Half-Time Report
- Used **JavaScript, Node.js, HTML, CSS, MySQL** to analyze historical player data of NBA players for the past 15 seasons
- Effectively **queried,** analyzed, and **predicted** future NBA player data, team scores, and shooting percentages to **72% accuracy**
- Created **internal searching tool** that displays relevant stats based upon queries

INTERESTS

Chess, Soccer, Psychology, Weightlifting, Calligraphy, NLP, Reading