

# Amit Shanbhoug

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## EDUCATION

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**Honours BSc Computer Science** (Management & Entrepreneurship option) • University of Ottawa Sep 2018 – Dec 2022

- Rowing Team and Chess Team
- Co-authored journal paper (<https://bit.ly/3jbECIv>) under revision by peer-reviewed academic journal (JASIST)
- Relevant Courses: New Venture Creation, Analysis & Design of User Interfaces, Databases, Ethics for AI (Graduate)

**Software Product Management (PM) Specialization** • University of Alberta (Coursera) 2021

- Comprised 6 courses with a capstone project and simulation of product development from inception to delivery
- Skills acquired: Mapping user requirements, velocity-driven sprint planning, generating work estimates with plan for project risks

## PRODUCT EXPERIENCE

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**Technical Product Manager** • Engineers without Borders uOttawa • Ottawa, Canada Mar 2021 – Present

- Managing 6 developers building 3-D campus map mobile app, leading sprint planning and design reviews
- Conducted interviews with 50+ students from 6 institutions to inform feature priority, accessibility and design features

## PROFESSIONAL EXPERIENCE

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**Researcher** • University of Ottawa • Ottawa, Canada Nov 2021 – Present

- Awarded Undergraduate research Opportunity Scholarship
- Exploring SMART/IoT solution for long-term care homes to consistently gather, track and process health, incident, and supply data
- Conducting user interviews to map user journey, identify needs and pain points to inform web app and system design

**Full-Stack Developer Intern** • Delphic Research • Toronto, Canada May 2021 – Aug 2021

- Built and launched B2B React Native mobile app (MVP) to 5 customers, rapidly iterating key features from customer feedback
- Researched and implemented AI document processing solution, reducing literature research time and saving startup \$855+ weekly
- Led scrum meetings/sprint planning for team of 4, documenting on Jira and Confluence and prioritizing features to be built for MVP
- Developed product roadmap, PRDs, OKRs, user personas and user stories, balancing C-Suite vision and engineering capacity
- Initiated and implemented automation through APIs for payroll and monitoring operations, saving company 25 hours+/week

**Founder** • RapidRent • Ottawa, Canada Sep 2020 – Jan 2022

- Built a privacy-first mobile leasing management and accreditation platform and launched to 34 customers, maintaining a 90% profit margin
- Conducted 40+ customer validation interviews to understand lessor/lessee pain points and developed user personas to build MVP
- Finalist at 2021 uOttawa Entrepreneurship Concepts Competition, identifying product hypothesis and go-to-market strategy

**Full-Stack Developer** • Freelance • Toronto, Canada May 2020 - Aug 2020

- Designed and implemented a candidate portal with payment integration using Figma, JavaScript, Vue.js, Django REST, and Flask (API)
- Conducted 6 customer interviews to gather pain points, resulting in recommendation and implementation of an integrated calendar
- Reduced feature rollout delay by 55% through implementation of Kanban framework (setting OKRs and feedback loops)

## LEADERSHIP EXPERIENCE

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**Co-Chair, Board of Directors** • Canadian Roots Exchange (CRE) • Toronto, Canada Apr 2021 – Present

- Elected co-chair of 11 persons board, providing direct oversight to Executive Director and \$14M+ funding
- Leading board through consensus building and prioritizes discussion items to make critical and time-sensitive decisions

**Co-President** • Engineers Without Borders uOttawa (EWB uOttawa) • Ottawa, Canada May 2020 – Oct 2021

- Organized Canada's first student Smart Cities Design Challenge with 70+ participants from 6 countries
- Received uOttawa Innovation in Engineering Award and EWB Canada Diversity Impact Award

**Military Serviceman** • Singapore Armed Forces (SAF) • Singapore Sep 2016 - Sep 2018

- Received Brigadier General Letter of Commendation, Best Recruit Award (1/300), and Command Star Service Award
- Invited to present *Implementation of Smart Cities concepts in SAF Camps* to Commander of Combat Service Support Command

## SKILLS & INTERESTS

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**Product:** Agile, Rapid Prototyping, Product Roadmap, Scrum Sprint Burndown, Product Strategy, Human-centered design

**Technical:** Python, Java, JavaScript, SQL, Vue.js, Node.js, Django, React, SQL/NoSQL Databases, MS Excel (Advanced), Figma

**Interests:** Smart Cities, IoT, System Design, Autonomous Vehicles, Spy Fiction/Non-Fiction, Poetry (published!)