SHIVANI CHIDELLA

2B Management Engineering | University of Waterloo

Portfolio: *schidell.github.io*

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SKILLS

- **Web Dev:** HTML, CSS, JS, DOM, Ruby on Rails, Node.js, REST API
- **Voice Dev:** Node.js, Alexa Skills Kit (ASK)
- **Java:** JUnit, Spring Boot
- **Data**: SQL, R (tidyverse, ggplot, markdown), Excel VBA
- **Tools**: Git, Bash, Microsoft Azure
- **Leadership:** demoing, product pitching, innovating
- **Design Thinking** methodology
- **Project Management:** Six Sigma, root-cause analysis, Gantt chart
- **Manulife Agilist Certification**: Agile, Scrum, Kanban, JIRA

INTERESTS

- **Hacking**: TOHacks, MakeUofT, Manulife HackItOut
- **President**, Trudeau UNICEF
- **Founder**, PETHS TED-Ed Club
- **Ambassador**, CTW Council, *IMVC Leadership Award*
- **Tutor** for Math, English, Science
- **Piano**, First Class Honours
- **First Clarinet**, Trudeau's Instrumental Band
- **Volunteering** at Stiver Mill Farmer's Market

EXPERIENCE

INNOVATION APPLICATION DEVELOPER @ SUN LIFE   *01/20 −04/20, 09/20-12/20*

- Developed 4 Voice apps in **Agile** development team using **Node.js**, **Alexa Skills Kit (ASK)**, and **Azure Functions**
- Built 2 interactive websites using **HTML, CSS, JavaScript, jQuery**
- Created wireframes and **Visio** user flows to demonstrate viability of PoCs
- Followed **Design Thinking** methodology to develop innovative solutions
- **Demoed** live Voice app and PoCs to prospective customers of Sun Life

SOFTWARE ENGINEER/SYSTEMS ANALYST @ MANULIFE   *05/19 −08/19*

- Built **Spring Boot** web GUI using **Java**, Maven, Vaadin, Pivotal Platform to interactively modify workforce data
- Aggregated GB Tech data to help design Azure **SQL** workforce database
- Administered Employee Pulse Check feedback cycle for 250+ employees
- Pitched **Azure Chatbot** Solution developed in Manulife **Hackathon** to senior IT

PROJECTS | *For more of my projects, visit my GitHub or my portfolio.*

HEALTH HACK CAPSTONE PROJECT, SUN LIFE

- Built web tool to generate client Health Profile using **HTML, CSS, JavaScript**
- Followed **Design Thinking** Methodology to ideate and develop tool

PEDESTRIAN ASSIST IOS APP — *https://devpost.com/software/crossy-road-64byjt*

- Developed app GUI using **CoreML** and **Swift** that identifies pedestrian signals through live phone camera feed and outputs vibration
- Achieved 87% precision in Image Classifier using **Azure CustomVision**

INNOVATION CHALLENGE & PRODUCT PITCH, MANULIFE REDLAB

- Pitched banking app solution, prototype & demo to panel of executives
- Conducted user interviews, competitive analysis and cost breakdowns

VEX ONTARIO CHAMPIONSHIP, TRUDEAU'S ROBOTICS CLUB

- Iteratively engineered robots that stack, lift and launch objects in team of 9
- Ranked top 10% of teams in Ontario VEX Robotics Championship

EDUCATION

University of Waterloo | Honours Management Engineering Co-op Program, Candidate for B.A.Sc. *2018-2023*, GPA: 3.7

- **Academic Representative**, Management Eng. Class of 2023
- Languages/frameworks learned in class: Java, JUnit, R, Ruby on Rails, PostgreSQL, MySQL, Bash scripting, REST API, HTML, CSS, Excel VBA