

Pronoy Chaudhuri

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Education

University of Waterloo | Sept 2017 - Apr 2022

Candidate for Bachelor of Computing and Financial Management with Minor in Combinatorics and Optimization

Professional Experience

Product Manager @ LCBO|next | Sept 2019 - Present

- Led **2** POC app pilot store launches, enabling iterations to **enhance user experience** through real consumer feedback
- Spearheading **commercialization** of LCBO|next, which can result in up to **\$60M** in additional annual revenue for LCBO
- Introduced Azure DevOps to organize tasks, allowing the team to embrace an **Agile** mindset while being **cost-effective**

Technology Consultant @ Deloitte | Jan-Apr 2019

- Developed business intelligence **API** with **Node**, reducing response time by **34%** through **Promise-based async calls**
- Built Handoff feature for claims app using **Node and MongoDB**, leading to **8%** increase in claim submissions using app
- Designed and implemented Dialogflow chatbot with extensive slot fulfillment flows, only requiring **1** minor addition
- Redesigned claims app with Figma and created interface using **Angular and Bootstrap** to easily iterate in the future
- Tested code efficiently with Jasmine, Karma, Mocha, and Chai, covering **99%** of app codebase with **<100** test cases

Full Stack Developer @ Wawanesa Insurance | May-Aug 2018

- Developed a flight delay insurance Corda blockchain app in **Kotlin**, producing automatic policies & claim settlements
- Implemented a proof of insurance Fabric blockchain app in **JavaScript**, enabling users to **view multi-carrier policies**
- Architected and built **Angular**-powered web interfaces for both apps using Material Design, leading to high interactivity
- Employed an **Agile** mindset by practicing weekly **sprints** and daily **stand-ups**, reducing project timelines by up to **15%**

Leadership Experience

Director of Technology @ UW Blockchain Club | Sept-Dec 2018

- Led **7 developers** to build a **blockchain** app to track club event attendance, helping to **quantify event success**
- Fostered connections with ConsenSys and Algorand through **effective networking**, increasing members by **500%**
- Collaborated with Ethereum Waterloo to host large event, saving **\$100+** in overhead while **widening club awareness**

Director of Sponsorship @ WATonomous | Jan-Apr 2018

- Built relationships with top tech firms through **high touch communication**, leading to **\$15,000+** in free software credits
- Performed a **market analysis** to determine suitable car wrap vendors, ultimately saving **\$5,000+** for the design team
- Used Trello to prioritize team tasks, causing **57 out of 60 tasks** to be completed by **10** junior members in **4** months

Relevant Projects

Galen

- Won **"Best Social Hack"** in a MLH hackathon out of **60 teams** by developing an **Angular** app that tackles opioid abuse
- Integrated **Google Vision API** to parse paper prescriptions and send data to Fabric blockchain for prescription validation
- Built **greedy algorithm** to suggest injection sites using factors such as access to hospitals and past overdose locations

Euchre

- Developed the game of Euchre for coursework in **C++**, completing **4 days early** by employing an **Agile** mindset
- Architected game using a **UML diagram** with many **design patterns**, including Template Method, MVC, and Interpreter
- Employed **OOP concepts** such as **encapsulation and abstraction**, leading to **high cohesion and low coupling**