

# EXPERIENCE

## Zipcall.io - 100k Monthly Users | Founder & Software Engineer

- Featured on front page of **GitHub**, **HackerNews**, **ProductHunt** and 15+ sites
- Offered over **\$1.1 million** in seed investments and multiple acquisition offers
- **Decentralized video chat** with unmatched video quality, latency, and security
- Features: **Screen sharing**, **Live Captioning**, **Auto-scaling video**, **Echo reduction**
- Built backend capable of **10,000+** concurrent video calls using **Node & Express**

## Accenture | Software Engineer Intern

Jan 2020 – Apr 2020

- Engineered **Blockchain** health platform from scratch, leading research and development of **Hyperledger Indy** for **decentralized identity**
- **Reduced application latency by 30%** by architecting new **concurrent backend** to serve application data using **Python & JavaScript**
- Created **12+ REST APIs** responsible for routing **95% of all application traffic**
- **Redesigned 5 application pages**, building **15+** reusable **React** components
- **Deployed** web application and blockchain to **AWS cloud** with auto-scaling

## Deloitte | Software Engineer Intern

May 2019 – Aug 2019

- **Saved \$120,000** in data analysis costs by creating new platform tool leveraging **machine learning** and **NLP** to extract market data from news articles
- Built **fullstack** dashboard application using **Python** and **Flask** from scratch
- Created **15+ REST APIs** to serve machine learning data
- Led development of new **React** User Interface, incorporating **responsive design**
- Improved application search accuracy from **37% to over 95%** by building **custom search algorithm** using **deep learning** and fuzzy logic
- Chosen to **present** new product platform to **100+ executives** at keynote

## Waterloop | Software Engineer Lead

Jan 2019 – Apr 2019

- **Led backend development** of low-latency vehicle systems and infrastructure
- Created high performance server using **Go** to broadcast vehicle sensor data via **encrypted WebSockets** including vehicle velocity and temperature
- **Reduced network traffic by 90%** by eliminating network callbacks from data loss through creation of **MongoDB database caching system**
- Enabled **autonomous driving** of vehicle by refining backend controls logic

## Portfol.io | Project Manager Intern

Jun 2018 – Aug 2018

- Managed and designed organizational products for **largest client project**
- Led project to be **completed 2 weeks early** by creating **brand new order system**
- Prototyped and presented designs to clients using **Figma & PhotoShop**

# PROJECTS

## 🔗 Stock News Sentiment Analyzer | 1st CAM Hacks

- **Scrapes** articles off **NASDAQ.com** and uses a custom **machine learning** model to predict article sentiment, achieving **92% accuracy**

## 🔗 Online Vision Doctor | 1st Starter Hacks

- Built **custom vision algorithm** based on optometry research with **96% recall**

# IAN RAMZY

US & Canadian Citizen

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# EDUCATION

## B.CS Honors Computer Science

**University of Waterloo**

📝 **GPA: 3.7/4.0**

📅 Graduation: 2022

- President's Scholarship for **97.1% entrance average**
- Michael Egan Computer Science Award, (1/500+ students)

# SKILLS

Python JavaScript Java C++  
C HTML CSS BASH

Flask React AWS Git  
Node Express Bootstrap  
Linux Blockchain Docker

# ACHIEVEMENTS

- 100,000+ monthly users on **zipcall.io**
- 2,000+ stars across **GitHub** projects
- Offered **\$1.1 million** in seed funding
- Featured on **GitHub**, **HackerNews**, **Product**, and 15+ sites
- 1st, Starter Hacks (500+ Teams)
- 1st, CAM Hacks (50+ Teams)
- 1,000 **GitHub** contributions last year
- 3x Computer Science Subject Award, **Kingston Collegiate** (700+ Students)
- 7th Globally, **DECA** Quantitative Finance Competition (4,000+ Teams)
- Co-organized **TEDx** event (300+ attendees)
- Canadian **Kayaking** Record Holder
- Four-time **Team Canada** Speed Skating Competitor