

EXPERIENCE

Shopify | Software Engineer Intern

Sept 2020 – Dec 2020

- Future Backend developer on retail point of sales team

Facebook | Keynote Speaker

Jun 2020

- Spoke to 500+ engineers at developer conference about Zipcall technologies

Zipcall.io - 100k Users | Founder

Mar 2020 - Present

- 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

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 using **Python**, **Flask**, and **React** from scratch
- Created **15+ REST APIs** to serve machine learning data
- 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**

Portfol.io | Product Manager Intern

Jun 2018 – Aug 2018

- Managed and designed organizational products for **largest client project**
- Prototyped and presented designs to clients using **Figma & PhotoShop**

PROJECTS

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

🔗 **Online Vision Doctor** | **1st Starter Hacks**

IAN RAMZY

US & Canadian Citizen

3rd year Junior

🌐 ianramzy.com

📧 ianramzy

🌐 ianramzy

@ ianramzy@gmail.com

📞 (+1) 613-876-7631

EDUCATION

B.CS Honors Computer Science

University of Waterloo

📝 GPA: 3.7/4.0

📅 Graduation: 2022

- President's Scholarship for **97.1%** entrance average

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 of 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