

EXPERIENCE

Software Engineer Intern @ **Coinbase**

May - Sep 2021

- Engineered new payment mailer system responsible for automatically handling 100+ payment related incidents each month
- System automatically parses failed payments, identifying the root cause and contacts the appropriate party, resulting in less delayed payments, with less manual intervention
- Saved 100s of engineering hours every month by reducing payment page errors by 75+%

Software Engineer Intern @ **Shopify**

Sep - Dec 2020

- Engineered Ruby A/B testing framework conducting 500,00+ tests every month
- Drove a 31.3% increase in POS pro subscriptions through A/B test validation of new UI
- Redesigned QR code sign up flow, responsible for handling 10% of all sign ups
- Built 3 new endpoints to track intermediate user behaviour with higher granularity

Keynote Speaker @ **Facebook**

Jun 2020

- Spoke to 500+ engineers about scaling decentralized video networks.

Founder @ **Zipcall (Acquired, 250k users)**

Apr - Sep 2020

- Scaled decentralized video platform to 250k users, and sold at 19 years old.
- 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

Software Engineer Intern @ **Accenture**

Jan - 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

Software Engineer Intern @ **Deloitte**

May - 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
- Chosen to present new product platform to 100+ engineers at keynote


Software Engineer Lead @ **Waterloop**

Jan - Apr 2019

- Led backend development of low-latency vehicle systems and infrastructure
- Created high performance backend in Go to broadcast vehicle sensor data via WebSockets

IAN RAMZY

US Citizen

 [ianramzy.com](https://github.com/ianramzy)

 [ianramzy](https://twitter.com/ianramzy)

 [ianramzy](https://www.linkedin.com/in/ianramzy)

 [redacted](#)

 [redacted](#)

EDUCATION

University of Waterloo

Bachelor of Computer Science

GPA: 3.7/4.0 (A-)

Honors with Distinction

Sept. 2018 - Dec. 2022


Data Structures Algorithms (A+)


SKILLS

Python JavaScript Ruby
C/C++ Java HTML CSS
Bash

Flask React AWS Git
Node Express Linux
GraphQL Rails Blockchain

PROJECTS

 **Zipcall**
(250K users)

 **Stock News Analyzer**
(1st CAM Hacks, 50+ teams)

 **Online Vision Doctor**
(1st Starter Hacks, 500+ teams)

ACHIEVEMENTS

- Speaker at world's largest hackathon - Hack The North (4,000+ attendees)
- 97.1% highschool average (advanced courses, top 1%)
- 7th / 4000+ Globally, DECA Quantitative Trading
- Four-time Canadian National Speed Skating Competitor