

Yasin Ehsan

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Education

Queens College, City University of New York (CUNY) B.A. in Computer Science | [Keynote at Endowment Gala](#) **Expected: Dec 2020**
Facebook Above & Beyond CS (Coding interview prep) **Jun 2020 - Present**

Experience

Software Engineer **Jan 2020 - Present**
CHRONO GROUP Brooklyn, NY

- Creating custom content management system(CMS) to reduce time-lag by 90% through secure admin access
- Wrote 3,342 lines of code in Bootstrap, NodeJS, GCP; leading AWS migration using services EC2, S3, Redshift
- Responsible for all in-house technical solutions and managing two other developers for B2B projects

Software Engineering Fellow **Sep 2019 - May 2020**
TECH TALENT PIPELINE Manhattan, NY

- Selected for a full-stack JavaScript program as one of 100 fellows out of 400+ applicants
- Learn in-demand stack (MongoDB, ExpressJS, React, NodeJS) + best practices from design to deployment
- Leveraged knowledge: Git workflows, testing, CI/CD, agile development, MVC pattern, APIs/Microservices

Software Engineering Intern **Jun 2019 - Aug 2019**
CAPITAL ONE Dallas, TX

- Built 5+ iOS features for auto-finance team resulting in \$1 million+ in new loans within 8 weeks of launch
- Developed geo-fences on map around bookmarked cars which trigger local notifications when breached
- Created an algorithm in Swift to optimize user movement; a solution around Apple's location limitations

Software Cloud Ambassador **Apr 2019 - Jun 2019**
GOOGLE (contracted Vaco) Queens, NY

- Distributed \$15,000+ computing credits to 300+ students/professionals on open-source and agile apps
- Hosted Google Cloud Platform workshops on campus as part of select team of 200 innovators nationwide

Software Bootcamp Trainee **Sep 2018 - May 2019**
CODEPATH ORG. San Francisco, CA

- Built 5 iOS apps (Swift) using REST APIs, Cocoa Touch UI Frameworks, and Firebase NoSQL persistence
- Collaborated with 2 engineers under agile methodology following design-thinking lean approach

Personal Projects

Robinhood Automate Trades (~30 hours completed) **Jun 2020 - Present**

- Using AWS to deploy Python bot to buy/sell stock using sentiment from APIs on news and FDA approvals; experimenting with Tensorflow neural networks to predict stock prices based on 200- 20 day rolling averages

COVID-19 Grocery Crowdsourcing (~70 hours) **Mar 2020 - May 2020**

- Used singleton and MVC design pattern to serialize and deserialize objects (grocery lists) between neighbors, local observers to trigger data changes between views, and global observers for real-time collection snapshots

Impromptu Chilling / Hangouts (~50 hours) **Jul 2019**

- Used Swift to create geo-tracker feature that enabled users to locate up to 10 of their friends in real-time by leveraging Google Firestore web hooks; Implemented user chat sessions and push notification features

Awarded Projects

Venture Capital Interest (1st Place NYU Hack) 390+ UG Students | [Linkedin Post \(80K+ views\)](#) | [Git Repo](#) **March 2020**

- Problem addressed : small businesses to raise capital from everyday retail investors for equity
- My Contribution : Live payment integration using Stripe API with Apple wallet and iWatch custom cards

\$7,500 Giant Check (1st Place Estée Lauder Hack) 270+ UG and Professionals | [Final Pitch Youtube](#) | [Git Repo](#) **Oct 2019**

- Problem addressed : recycle makeup bottles and redeem them for 35+ Estée sub-brands' products
- My contribution : Real-time communication between B2B Store Kiosk App and B2C User App

Bill Clinton Dinner (1st Place Cornell Hack / IBM Winner) 320+ UG Students | [Featured IBM Blog](#) | [Git Repo](#) **Sep 2019**

- Problem addressed : connect local NGO events with bachelor/bachelorette volunteers for Hurricane Harvey
- My contribution : Asynchronous listeners trigger push notifications when in 200 meter radius of NGO event

Activities

10x Hackathon Winner - Spearhead idea and code sprints; persuade pain points with bells and whistles **Jun 2018 - Present**

Impact Labs Fellow - Engaged with VCs and CEOs in social entrepreneurship cohort; <5% acceptance **Jan 2020 (3 Weeks)**

TEDx Director - Led 4 subteams, coached 7 speakers, sold-out event 180+ peers from Brooklyn Tech HS **Jun 2016 - Apr 2017**

Skills

Technical Proficient Swift(3yrs) · Java(4yrs) · Python(2yrs) Intermediate JS(3yrs) · SQL(1yrs) Learning NodeJS · Express

Creative Public Speaking · Interpersonal · Leadership · Teamwork · Vision-board · Product/Market fit · MVP/Prototyping · SEO