

Yasin Ehsan (Yas)

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EDUCATION

Queens College, City University of New York (CUNY) B.A. in Computer Science (Completed UG in 3 yrs)
Facebook Above & Beyond CS (Coding interview prep)

Graduating Dec 2020
Jun 2020 - Aug 2020

EXPERIENCE

Software Engineer (*APIs Focus*)

Aug 2020 - Present

CAPITAL ONE

New York, NY

- Creating 3+ API endpoints for flagship AI (Eno) reducing costs for the platform's 1B+ replies on email/text/web
- Building in Python and Typescript aggregating data from internal APIs triggering scripts using AWS Lambda
- Certified(internal) to deploy production code using CI/CD and container management under secure protocols

Chief Technical Officer (*Full-Stack Focus*)

Jan 2020 - Present

CHRONO GROUP

New York, NY

- Building 4+ full-stack solutions with payment gateways for mom-and-pop businesses increasing SEO by 50+%
- Completed 3,342 lines of code in ReactJS, NodeJS on GCP, AWS for secure blog-admin and client dashboard
- Leading architecture decisions for SAAS products/B2B projects and managing 3 developers and 1 intern

Software Engineering Intern (*iOS Focus*)

Jun 2019 - Aug 2019

CAPITAL ONE

Dallas, TX

- Built 5+ iOS features pushed to production resulting in \$1 million+ in auto-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 Innovator Ambassador (*Cloud Focus*)

Apr 2019 - Jun 2019

GOOGLE CLOUD

New York, NY

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

Software Engineering Intern (*Front-end Focus*)

Jun 2018 - Aug 2018

KENTRO

New York, NY

- Contributed to 4+ web components such as login page using ReactJS, NodeJS, and NoSQL persistence
- Exposed to how marketing, design & software teams collaborate in agile, funded startup environment

PERSONAL PROJECTS

Robinhood Automate Trades // ML Bot (~30 hours)

Jun 2020 - Aug 2020

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

COVID-19 Grocery Delivery // iOS App (~80 hours)

Mar 2020 - May 2020

- Used Swift to design singleton and MVC patterns to serialize and deserialize grocery lists between neighbors, local observers to trigger data changes between views, and global observers for real-time database snapshots

NYC Mayor Presentation // Open-Source Tool (~40 hours)

Jan 2018 - Mar 2018

- Used Python to create geo-tracker feature that enabled users to locate up to 3,013 public Wi-Fi spots in real-time by leveraging NYC Open Data web hooks; Published code on open source library maintained by Cross Compute

HACKATHON PROJECTS

1st Place NYU // Best Design by Facebook // Best Startup Idea 390+ UG Students | [My LinkedIn Post \(80K+ views\)](#)

Mar 2020

- *Problem addressed* : raise capital for small businesses from everyday retail investors for equity
- Built real-time payments using Stripe API which can be used from Apple wallet / Apple watch

1st Place Estée Lauder Global HQ // Prize : \$7,500 270+ UG and Professionals | [Final Pitch Youtube](#)

Oct 2019

- *Problem addressed* : recycle makeup bottles and redeem points for 35+ Estée sub-brands' products
- Created back-end communication on Google Cloud between B2B Store Kiosk App and B2C User App

1st Place Cornell // Best Relief Initiative by IBM // Prize : Dine with Bill Clinton 320+ UG Students | [Featured IBM Blog](#)

Sep 2019

- *Problem addressed* : connect NGO events with bachelor/bachelorette volunteers for Hurricane Harvey
- Developed asynchronous listeners that trigger push notifications when in 200 meter radius of NGO event

ACTIVITIES / AWARDS

10x Hackathon Winner 2018-2020

25k+ in prizes from attending 17 hacks

Startup Labs Fellowship 2020

5% acceptance into think tank with VCs

Web Bootcamp (NYC TTP) 2019-2020

20-week intensive on NodeJS/React/CI/CD

iOS Bootcamp (CodePath) 2018-2019

5 apps in 16 weeks with 2 engineers

CUNY Endowment Speaker 2018

10-min speech on career empowerment

TEDx Director 2016-2017

180+ high school peers in attendance

SKILLS

Technical Proficient Swift(3yrs) · Java(4yrs) · Python(3yrs) Intermediate NodeJS(1yrs) · SQL(1yrs) Learning SwiftUI · React

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