Yasin **Ehsan**

YasinEhsan.com (1st SEO Ranking)

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Education

Queens College, City University of New York (CUNY)

Bachelor's of Arts in Computer Science | My Keynote at University Endowment Gala   *Graduated Aug 2020*

Experience

Software Engineer   *Jan 2020 - Present*
CHRONO GROUP   *Brooklyn, NY*
- Responsible for all in-house technical solutions and managing two other developers for client projects
- Spearheaded 3 version releases of the landing webpage which I built and designed from ground up
- Leading AWS migration using services EC2, S3, Redshift and deployed on Docker containers
- Building NodeJS server currently hosted on GCP able to take payments from clients using Stripe API

Software Engineering Fellow   *Jul 2019 - May 2020*
NYC 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
- Placed top-10 among 550+ Capital One Software Engineering Interns competing in hackathon across 7 offices

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 under agile methodology with 2 engineers following design-thinking lean approach

Projects

Envision - *Bootcamp Project (~30 hours)*   *Present*
- Build full-stack web app to watch videos with friends remotely and live stream real-time reactions
- Use **Node.js/Express.js** to run HTTP/websocket servers to handle client and streamer endpoints with less than 5ms delays, **AWS S3** for storing 1TB+ video content per user and **React.js/Bootstrap** for minimalistic UI/UX

Together - *Hackathon Project (~12 hours)*   *Sep 2019*
- Created iOS app to connect local NGO events with bachelor/bachelorette volunteers
- Used **CocoaPods** for real-time, flyover, 3D map view "wow factor," **IBM Watson** for image recognition and chatbot, **Google Cloud** Messaging to trigger push notifications and Zeplin for design collaboration

Bool Now - *Personal Project (~50 hours)*   *Jul 2019*
- Developed iOS app for students to meet friend circles or "squads" without planning in advance
- 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

Activities

Facebook Above & Beyond CS Dev - Selective coding interview prep program   *Jun 2020 - Present*
Google Cloud Student Ambssador - Distrbuited $15,000+ computing credits   *Apr 2019 - Jul 2019*
TEDxBrooklynTechHS Director - Led 4 subteams, sold-out 180+ attendees   *Jun 2016 - Apr 2017*

Awards

NYU Hack *Mar 2020* 1st Place | 390+ UG Students	Cornell Big Red Hack *Sep 2019* 1st Place | 320+ UG Students	JP Morgan Code for Good *Oct 2018* 2nd Place | 90+ UG Student
Estée Lauder Hack *Oct 2019* 1st Place | 270+ Students/Professionals	Cooper Union Hack *Sep 2019* 2nd Place | 150+ UG Students	Cooper Union Hack *Oct 2018* Best Google Cloud | 170+ UG Students
IBM Call for Code *Sep 2019* 1st Place | 90+ UG Students	CodePath iOS Demo Day *May 2019* 2nd Place | 160+ UG Students	NYC Developer Week *May 2018* Best Live Stream API | 50+ Developers

Skills

Languages *Proficient* Swift(3yrs) · Java(4yrs) · Python(2yrs) | *Intermediate* JS(3yrs) · SQL(1yrs) | *Learning* NodeJS · Express
Software iOS(10 apps) · GCP(30+ projects) · Jupyter Notebook(3 projects) · TensorFlow (1 project) · Docker/Kubernetes (~5 months)