Yasin **Ehsan**

YasinEhsan.com

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Education

Queens College, City University of New York (CUNY)
- Bachelor's of Arts in Computer Science · Minor in Economics · *Expected Dec 2020*
- *Relevant Coursework:* Data Structures · Algorithms · Software Engineering · Object-Oriented · Statistics

Skills

Languages: Swift · Java · Bash · Python · JavaScript · C++ · PHP · Node · SQL
Software: React · Git · Jira · Google Cloud · AWS · TensorFlow · IBM Watson · jQuery

Experience

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 from 550+ Capital One Software Engineering Interns competing in hackathon across 7 offices

Google Student Innovator *Apr 2019 - Jul 2019*
GOOGLE (contracted via Vaco) *New York, NY*
- Hosted Google Cloud Platform workshops on campus as part of select team of 200 innovators nationwide
- Reported directly to teams working with Google to provide real-time feedback on tech-stack usability
- Mentored hackathon competitors on best practices for designing and developing web, iOS or Android apps
- Introduced open-source software and agile development to 30+ students/professionals new to programming

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

Fellowships

- *Impact Labs* Create social venture using smart contracts (Solidity) that addresses the UN's goals. <5% acceptance rate *Jan 2020*
- *Tech Talent Pipeline* Develop 3 full-stack web apps (React/Node) implementing CICD and MVC software pattern *Jul 2019 - Present*
- *CodePath Bootcamp* Built 5 iOS apps (Swift) using REST APIs, Cocoa Touch UI Frameworks, and NoSQL *Sep 2018 - May 2019*
- *National Science Foundation* Adopted lean startup practices in funded, group-to-group project for public parks *Mar 2018 - May 2018*

Activities

Founder of Zuck Group Coach 11 CS students from Cornell, NYU and CUNY on landing internships in tech *Feb 2019 - Present*
Flag-Football Captain Organize local intramural with 30+ athletes and weekly scrimmage/playoff games *Mar 2018 - Present*
TEDx Director Fundraised $1.5K+, led 4 subteams, sold-out 180+ attendees for tech conference *Jun 2016 - Apr 2017*

Awards

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	**Steven Errera Scholar** *Aug 2018* 4 chosen from 880+ UG biz students
Cornell Big Red Hack *Sep 2019* 1st Place | 320+ UG Students	**JP Morgan Code for Good** *Oct 2018* 2nd Place | 90+ UG Students	**NYC Developer Week** *May 2018* Best Live Stream API | 50+ Developers