

# 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 Business
- *Relevant Coursework:* Data Structures · Algorithms · Software Engineering · Object-Oriented

*Expected May 2020*

### Bootcamps

- *Tech Talent Pipeline:* Develop full-stack web apps in React/Node using MVC software design pattern
- *CodePath University:* Built 5+ iOS apps in Swift using REST APIs and Cocoa Touch UI Frameworks

*Jul 2019 - Present*

*Sep 2018 - May 2019*

## Skills

**Languages:** Swift · Java · Bash · Python · JavaScript · C++ · PHP · Node

**Software:** React · Git · Jira · Xcode · Google Cloud · MySQL · AWS · HTML/CSS

## 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

### Software Development Intern

*Jun 2018 - Aug 2018*

KENTRO

*New York, NY*

- Contributed to 4+ web components such as login page around stack built on ReactJS and NodeJS
- Collaborated with marketing, design & software teams in agile, startup environment

## Projects

### Envision - Bootcamp Project (~30 hours)

*Present*

- Building full-stack web app to watch videos with friends remotely and live stream real-time reactions
- Using [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)

*July 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](#); Experimented with [Kubernetes](#) to handle 5+ [microservice](#) pods

## 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** Organized local intramural with 25+ athletes and 20+ scrimmage/playoff games

*Mar 2018 - May 2019*

**TEDx Director** Fundraised \$1.5K+, led 4 subteams, sold-out 180+ attendees for tech conference

*June 2016 - Apr 2017*

## Awards

**Cornell Hackathon (67+ Teams)**

*Sep 2019*

1st Place + Best IBM Watson

**Cooper Union Hackathon (35+ Teams)**

*Sep 2019*

2nd Place

**CodePath iOS Bootcamp (42+ Teams)**

*May 2019*

2nd Place

**Cooper Union Hackathon (40+ Teams)**

*Oct 2018*

Best Google Cloud Platform

**JP Morgan Code for Good (130+ Competitors)**

*Oct 2018*

2nd Place

**Steven Errera Scholarship (880+ Students)**

*Aug 2018*

4 chosen from UG business department