**Yasin** Ehsanyasinehsan11@gmail.com | L[inkedIn.com/in/yasinehsa](http://linkedin.com/in/yasinehsan/)n | [GitHub.com/YasinEhsa](https://github.com/YasinEhsan)n | [YasinEhsan.com](http://www.yasinehsan.com)

**Yasin Ehsan**

2 YOE - 10X Hackathon Winner - Certified Amazon Solutions Architect + Developer

yasinehsan11@gmail.com | L[inkedIn.com/in/yasinehsa](http://linkedin.com/in/yasinehsan/)n | [GitHub.com/YasinEhsa](https://github.com/YasinEhsan)n | [YasinEhsan.com](http://www.yasinehsan.com)

**SKILLS** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Languages** *Proficient* JavaScript(5yrs) · Java(4yrs) · Python(3yrs) · Swift(3yrs) *Intermediate* SQL(1yrs) · C++(2yrs) · PHP(<1yrs)

**Software** React · Typescript · GCP · Docker · Kubernetes · TensorFlow · JupyterNotebook · iOS · Bootstrap · Git

**AWS Certs** Amazon Solutions Architect Associate · Amazon Developer Associate · Amazon Machine Learning Specialty

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

**EXPERIENCE** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**CAPITAL ONE** *New York, NY*

SENIOR SOFTWARE ENGINEER ***Aug 2020 - Present***

*Enterprise Impact*

• Decreased cloud spend currently $300M+ by capturing AWS costs for 10K+ git repositories by creating 2 endpoints

• Featured in CEO’s annual strategy call of 26k associates on Eno Chatbot’s cost savings; efforts which I spearheaded

• Filled patent in novel way of identifying AWS costs after 1st place in division-wide hackathon with 2,715 associates

*Team Impact*

• Built 6+ backend APIs delivering messages to leads resulting in AWS resource right-sizing with 44k+ monthly savings

• Created 3 web services bridging customer APIs with Snowflake streams on AWS Lambda pushed to production

• Developed internal framework using dependency injection pattern with Typescript backend, React frontend

• Tackled $250M+ call center opportunity by initiating ENOHACKs where teams create customer persona chatbot AI

**18 HACKATHONS** *New York, NY*

PRODUCT MANAGER ***Oct 2018 - June 2021***

• Launched 10+ iOS apps from average 7+ hrs of ideation, 15+ hrs of design, development, testing, deployment

• Spearheaded user cohort pain points and implemented wow factors such as payments, 360 maps, voice AI, etc

• Created persona storylines when pitching touch-feel demo resulting awards like meet Bill Clinton / Google HQ Tour

**FACEBOOK** *New York, NY*

SOFTWARE ENGINEERING FELLOW ***Oct 2019 - Aug 2020***

• Implemented 10+ algorithms in Facebook NYC's 2020 cohort training of software engineers

• Led discussions and challenges put forth by 4+ technical recruiters and senior SWEs

**CHRONO GROUP** *New York, NY*

SOFTWARE ENGINEER ***Oct 2019 - Aug 2020***

• Built 4+ full-stack solutions with payment walls for mom-and-pop shops increasing SEO by 90+%

• Completed 3,342 lines of code in React/NodeJS, and AWS to create blog with admin SSO

• Led architecture decisions for SAAS/B2B projects and worked with 3 developers and 1 intern

**TECH TALENT PIPELINE** *New York, NY*

SOFTWARE ENGINEERING FELLOW ***Apr 2019 - May 2020***

• Selected for a full-stack JavaScript program as one of 100 fellows out of 400+ applicants

• Developed projects in MongoDB, ExpressJS, React, NodeJS + best practices from design to deployment

• Leveraged knowledge: Git workflows, testing, CI/CD, agile development, MVC pattern, APIs/Microservices

**CAPITAL ONE** *Dallas, TX*

SOFTWARE ENGINEERING INTERN ***Feb 2019 - Aug 2019***

• Built 5+ production iOS features during launch generating $1Billion+ in auto-loans year-to-date

• Developed Apple Map geo-fences notifying when proximity of <100meters for bookmarked cars

• Created an algorithm to optimize user movement; a solution around Apple’s location limitations

**GOOGLE** *New York, NY*

SOFTWARE ENGINEERING FELLOW ***Oct 2019 - Aug 2020***

• Spearheaded cloud workshops on compute/storage/databases as part of 200 ambassadors nationwide

• Distributed $15,000+ computing credits to 300+ students/professionals on open-source and agile apps

**TED**  *New York*, *NY*

DIRECTOR  ***Aug 2016 - Aug 2017***

• Fundraised $1.5K+, led 4 subteams, sold-out tech conference with 180+ attendees

• Marketed to 5k+ students, prepared keynotes from 40+ tryouts, designed website

• Set event theme inspired by the shift in communication with the rise of social media

**PROJECTS** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**$10,000+ in Revenue / The Headstarter** *(~150+ hours)* | [*theheadstarter.com*](https://www.theheadstarter.com/) ***Mar 2020 - May 2020***

• Launched Software Engineering 3-day and 7-week Intensives bridging career information asymmetry to 400+

Undergraduates primarily NYC Public colleges. Designed, developed and deployed website using React, Netlify, Stripe.

• Marketed to 10k+ impressions Linkedin, Instagram, YouTube. Set up real-time Google Analytics v4 tracking 5+ conversions

**COVID-19 Grocery Delivery / Published 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

**1st Place Cornell Hack / Prize : Dine with Bill Clinton in Scotland**  *|* [*Featured on IBM Blog*](https://developer.ibm.com/code-and-response/blogs/students-code-to-save-communities-at-bigred-hacks-2019/)  ***Sep 2019***

• *PROBLEM SOLVED* : 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

**Public Wi-Fi Visualization / 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

**TEDx Director** *(~100+ hours)* ***Jan 2018 - Mar 2018***

• Fundraised $1.5K+, led 4 subteams, sold-out tech conference with 180+ attendees. Marketed to 5k+ students, prepared keynotes from 40+ tryouts, designed website. Set event theme: communication with rise of social media

**HACKATHON 1ST PLACES \_**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1st Place NYU / Best Design by Facebook / Best startup idea** *390+ UG Students |* [*My Linkedin Post (80K+ views)*](https://www.linkedin.com/feed/update/urn:li:activity:6642929462742777856/)***Mar 2020***

• *PROBLEM SOLVED* : 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 / Prize : $7,500**  *270+ UG and Professionals |* [*Final Pitch Youtube*](https://www.youtube.com/watch?v=vZXprBz4NVY) ***Oct 2019***

• *PROBLEM SOLVED* : 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 / Prize : Dine with Bill Clinton in Scotland** *320+ UG Students |* [*Featured IBM Blog*](https://developer.ibm.com/code-and-response/blogs/students-code-to-save-communities-at-bigred-hacks-2019/)  ***Sep 2019***

• *PROBLEM SOLVED* : 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

**Awards** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NYU Hack *Mar 2020* Cornell Big Red Hack*Sep 2019* JP Morgan Code for Good *Oct 2018*

1st Place | 390+ UG Students 1st Place | 320+ UG Students 2nd Place | 90+ UG Student

Estée Lauder Hack*Oct 2019* Cooper Union Hack *Sep 2019* Cooper Union Hack *Oct 2018*

1st Place | 270+ Students/Professionals 2nd Place | 150+ UG Students Best Google Cloud | 170+ UG Students

IBM Call for Code *Sep 2019* CodePath iOS Demo Day *May 2019* NYC Developer Week *May 2018*

1st Place | 90+ UG Students 2nd Place | 160+ UG Students Best Live Stream API | 50+ Developers

**ACTIVITIES / AWARDS** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**12x Hackathon Winner *2018-2021*****Web Bootcamp (NYC TTP)  *2019-2020* College Endowment Speaker *2018***

25k+ in prizes from attending 18 hacks 20-week intensive on NodeJS/React/CI/CD 10-min keynote on career empowerment

**Social Entrepreneur Fellow *2020* iOS Bootcamp (CodePath)  *2018-2019* TEDx Director *2016-2017***

5% acceptance into think tank with VCs 5 apps in 16 weeks with 2 engineers 180+ high school peers in attendance

**Bill Clinton NGO Dinner *2019* Tony Robbins Coaching  *2019-Present* Quran Memorization *2008-2012***

Trip to Scotland after 1st IBM Hack 40+ 1v1 results coaching sessions done 114 chapters memorized in Arabic

ACTIVITIES **\_**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Facebook** SWE Fellow, Social Entrepreneur Fellow, **Google** Cloud Ambassador, University Endowment **Speaker** *2019-2020*

iOS Bootcamp - CodePath, **NYC Mayor** Demo, National Science Foundation, Coding for Dummies - President *2017-2020*

ACTIVITIES **\_**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Facebook** SWE Fellow - *2020* | Social Entrepreneur Fellow - *2020* | **Google** Cloud Ambassador - *2019* | University Endowment **Speaker**  - *2019* | Web Bootcamp - CUNY Tech Prep - *2019* | iOS Bootcamp - CodePath - *2018* | **NYC Mayor** Demo - *2018* | National Science Foundation - *2018* | Coding for Dummies, President High School - *2017* | Yong Entreprenuer’s Assocaition, President High School - *2017*

**EDUCATION** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Queens College, City University of New York (CUNY)**  Bachelors of Arts in Computer Science ***Aug 2017- Aug 2020***

**Google** **Cloud Campus Ambassador** - Distributed $15,000+ computing credits ***Apr 2019 - Jul 2019***

**Facebook Above & Beyond CS** (Coding interview prep) ***Jun 2020 - Aug 2020***

**TECH TALENT PIPELINE** (Coding interview prep) ***Jun 2020 - Aug 2020***

**CodePath iOS Fellow** (Coding interview prep) ***Jun 2020 - Aug 2020***

**College Endowment Speaker** 10-min keynote on career empowerment ***May 2019***

**Steven Errera Scholar** Given to 4 from 880+ by Economics Department ([Writing sample on this award](https://yasinehsan.com/url/personal.pdf)) ***Aug 2018***

**Web Bootcamp** CUNY Tech Prep (20-week intensive on NodeJS/React/CI/CD) ***2019-2020***