

## EXPERIENCE

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**CAPITAL ONE - SENIOR SOFTWARE ENGINEER, New York, NY** **Aug 2020 - Present**

- Directed **AWS** savings which got featured in **CEO's annual strategy** call of 26k associates on how teams should budget
- Spearheaded **initiative** to reduce **AI/ML** cloud costs for Capital One's flagship chatbot (Eno), which gets **1Bn+** monthly interactions, by leading the full product development lifecycle, thus decreasing AWS costs by ~50% (**\$400K+ savings** YTD)
- Led **user experience and research** by conducting 15+ interviews with cross-functional stakeholders, thus identifying key issue: onus of AWS budget falls on leadership (VPs/Directors) not feature implementers (engineers/managers)
- Built and **launched** platform (2 APIs and 3 web services) which grabs service-level costs of 10K+ Git repos, visualizes data and notifies implementers via Slack of overspent repos, thus assessing growing **AWS expenditures** (currently **\$300M+**)
- Owned **patent process** on AWS-cost-tracking after winning 1st place in division-wide hackathon with 2,715 associates
- Created **narrative** for product directors to adopt cost platform, increasing demand growing team from 2 to 7 engineers
- Pitched **\$250M+** call center opportunity to VP after **launching** ENOHACKs setting theme of creating an AI persona chatbot

**THE HEADSTARTER - CO-FOUNDER, PRODUCT MANAGER, New York, NY** **Feb 2021- Present**

- Identified 10+ challenges NYC public-commuter-college students face in landing full-time \$100K software engineering jobs such as applying late, not seeking internships early on or lacking significant data points from peers and alumni network
- Designed 7-week pilot fellowship with 20+ workshops on personal branding, coding projects and technical interviews, while hearing from 10+ recent SWEs and incentivizing teamwork via open-source project, mock interviews and a hackathon
- Directed **marketing strategy** by posting on LinkedIn, Instagram and Facebook reaching 10K+ impressions with 400+ live attendees in 5+ pre-launch events featuring recruiters and live coding, resulting in **\$12K+ revenue** for July 2021 launch
- Assessing fellowship success by tracking **KPIs** such as Zoom attendance, resume reviews, mock interviews, interviews landed and offers received, while experimenting with team dynamics based on ambition, participation and college year
- **Owning vision** and **defining scope** for 8 interns building video platform with 5-day watch limit and gamified accountability

**CHRONO GROUP - PRODUCT MANAGER, New York, NY** **Oct 2019 - Aug 2020**

- **Ideated** and owned 4+ applications with payment walls for local businesses bringing SEO ranking to **top-3 Google Search**
- Led team of 4 developers to design software patterns and develop company blog [chronogrp.com](https://chronogrp.com) using React, Node, AWS

**CAPITAL ONE - SOFTWARE ENGINEERING INTERN, Dallas, TX** **Feb 2019 - Aug 2019**

- **Pushed** geo-fence feature to app that generated **\$1Bn+** in car loans notifying users when <300meters of bookmarked cars
- Created an algorithm to optimize user movement during app launch; a solution around Apple's location limitations

**TEDx - FOUNDER, DIRECTOR, New York, NY** **Aug 2016 - Aug 2017**

- Spearheaded first TEDx in the largest US high school (5.8K+ students) by **leading 4 teams**, resulting in 180+ attendees
- Prepared keynotes from 40+ tryouts and **raised \$1.5K+** for event focused on the shift in communication in the modern era

## HACKATHONS

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**12 HACKATHON WINS** **Oct 2018 - June 2021**

- Launched 10+ iOS apps with an average **7+ hours spent on ideation** and 15+ hours spent on design and development
- Investigated **user segment** pain points and created persona **customer journey** when pitching touch-feel interactive demos
- Implemented novel features like peer payments, 360 maps, voice AI with design patterns like singleton classes, MVC, etc

**1st Place NYU Hack / Best Design by Facebook | 390+ UG STUDENTS | [Linkedin Post \(80K+ views\)](#)** **Mar 2020**

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

**1st Place Estée Lauder Hack / Prize: \$7,500 | 270+ UG AND PROFESSIONALS | [Final Pitch Youtube](#)** **Oct 2019**

- **RESEARCH / HYPOTHESIS**: 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 Hack / Prize: Meet Bill Clinton | 320+ UG STUDENTS | [Featured IBM Blog](#)** **Sep 2019**

- **RESEARCH / HYPOTHESIS**: 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

## EDUCATION

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**The Product School, Product Management Certificate** **Sep 2021**

- **TOPICS**: Product Strategy, Market Research, UI/UX Design, Agile (Scrum, Kanban), Product Marketing, Data Analytics, Big Data

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

- **HONORS**: Economics Scholar (4 selected from 880+), University Endowment Speaker (keynote on career empowerment)

## SKILLS & ADDITIONAL INFORMATION

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**Technical**: JavaScript (5 yrs), Java (4 yrs), Python (3 yrs), Swift (3 yrs), SQL (2 yrs) | Tableau, Snowflake, Google Analytics, Jira

**Creative**: Storytelling, Vision-board, Public Speaking, Leadership, Teamwork, Delegation, Stakeholder Management, Agile

**AWS Certs**: Amazon Solutions Architect Associate, Amazon Developer Associate, AMAZON MACHINE LEARNING SPECIALTY

**Interests**: Tony Robbins Coaching (40+ 1-on-1 sessions), flag football, calisthenics, rock climbing, traveling, volunteering

**Activities**: FACEBOOK Above and Beyond Computer Science Fellow | Impact Labs Entrepreneur Fellow | GOOGLE CLOUD Student Innovator | Web Bootcamp - CUNY Tech Prep | iOS Bootcamp - CodePath | NYC MAYOR Demo open-source project | National Science Foundation Investment | Coding for Dummies, President High School | Young Entrepreneurs Association, President High School