

# MICHAEL COHEN

## SOFTWARE DEVELOPMENT ENGINEER

✉ micohen95@gmail.com

☎ 3057335490

📍 188 Humboldt St,  
Brooklyn NY 11206

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www.linkedin.com/in/michael-cohen1995

🔗 mickeyjk

## Skills

Java

JavaScript

React

Full Stack

Android development

Web Development

Swift

Flutter

Python

HTML

CSS

C++

Distributed Systems

Object Oriented Programming

Databases

Cloud Services

## Education

University of Florida

Bachelor of Science Computer Science Engineering 2017

Minor Entrepreneurship 2017

## Employment

Amazon

New York, NY

Software Engineer - Amazon Live - FireTV

June 2020 to Current

- Lead the Amazon Live FireTV team as its frontend lead. Oversaw the complete redesign of the existing Amazon Shopping app on FireTV to transform it to a livestream-centric experience.
- Upgraded the existing Android / FireTV app to use modern Android architecture and features. This vastly improved the performance of the app with decreased load time and a smoother UX.
- Introduced key livestream viewing features to FireTV users that include a chat sidebar and an improved product carousel.

New York, NY

Software Engineer - Amazon Live - Creator

Sept. 2018 to June 2020

- Served as a Fullstack Engineer for Amazon Live, Amazon's shoppable livestreaming platform. Developed features for the iOS Creator app, across the data layer, APIs, and the front-end. This tool enables our creators to livestream to the Amazon Live platform.
- Designed and executed Influencer login for the creator app. This allowed Influencers to earn commissions on their livestreams and rise through tiering levels within Amazon Live. This gamification gave Influencers the ability to boost sales and increased the creator count in our program from under 2K to over 15K.

Seattle, WA

Software Engineer - AWS Elastic Block Store

Mar. 2018 to Sept. 2018

- Oversaw operations for the API services of AWS Backup Service (ABS), a highly scaled distributed system with \$2.9 billion in revenue in 2017
- Facilitated the development of Data Lifecycle Manager for ABS: a new product that allows customers to automate the process of backing up data stored on EBS volumes by creating policies based on AWS tags

Seattle, WA

Software Engineer Intern - Prime Pantry

May 2018 to Aug. 2018

- Designed and implemented a web tool for the Prime Pantry team
- Reconstructed the mapping-update process between customers and Amazon fulfillment centers, reducing the execution time from days to minutes.

IBM Watson Research

Yorktown Heights, NY

Software Development Engineer Intern

May 2016 to Aug. 2016

- Developed a highly concurrent DRAM memory and memory controller simulator used as part of an ongoing project with the Department of Energy.
- Researched performance and modeling errors for existing open-source memory simulators.

Nielsen

Tampa, FL

Software Development Engineer Intern

June 2015 to July 2015

- Assisted in developing the API platform for Nielsen's data resources by implementing two unique APIs for the Nielsen Open API Platform.
- Created profit-producing partnerships for Nielsen through the development of web-apps, which showcased the usage of Nielsen APIs.

## Projects