

Najm Sheikh

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Experience

Android Engineering Intern @ Button

June 2019 – Present

- Developed remotely-configurable 'widget' views to enable partnerships between various Publishers and Brands.
- Performed static & dynamic code analysis on the Play Store to expose an obscure bug – allowing for a new solution path.
- *...and more to come!*

Software Engineer @ Wayaj

December 2017 – March 2019

- Developed native Android application utilizing APIs, location services, and third-party SDKs.
- Designed UI mockups (for the aforementioned app) using principles that were adherent to the Material Design guidelines.
- Designed the database architecture as well as setup a 'serverless' instance – both on the Google Cloud platform.

Android Engineering Intern @ Button

June 2018 – November 2018

- Contributed to core Purchase Path Extensions functionality – helping Partners drive 20% more purchases than mobile web.
- Contributed to documentation and migration guides for Partners, in preparation of our v6.0 launch.
- Assisted Partner developer teams with troubleshooting and debugging SDK issues.
- Wrote test plans as well as associated apps to assist in QA and testing, ensuring code coverage remains at above 90%.
- Automated the TeamCity deployment process for SDK samples, reducing time spent from ~15 min to mere seconds.

Software Engineering Intern @ Port Authority of NY & NJ

June 2017 – September 2017

- Updated legacy VBA code for an engineering application – saving the Agency ~\$150k in upgrade costs.
- Designed mockups of various internal applications, focusing on decreasing the number of steps needed to complete an action.
- Upgraded an internal C# application to utilize Windows Active Directory for account authentication instead of regular forms.
- Fixed critical bugs where reports from our SQL database were not printing correctly.
- Drafted, recorded, and produced training videos in addition to onboarding documents for internal applications.

Education

Hofstra University – Hempstead, New York

September 2016 – May 2020

- Major: Computer Science | Web & Mobile Eng.

Skillset

Languages: Java, Kotlin, JavaScript, Python, LaTeX

Databases: Microsoft SQL Server, Firebase

Tools: Git, TFS, Photoshop, Illustrator, Figma, TeamCity

Featured Projects

United Market

October 2018

Marketplace to connect buyers with sellers who want to sell their merchandise. Snap a photo of the item and the app will recognize and suggest a fair market price. Won 1st Place at JPMorgan Code For Good.
Firestore | Google Vision

Sight

December 2017

AR tool to help the blind get better spatial awareness. The app helps recognize people, identify objects, and read documents. Won 1st Place at YHack Fall 2017 and was also awarded Facebook's grand prize.
FB Graph | Google Vision

Echo

February 2017

Converts books and others physical texts into smooth audiobooks with human-like speech. Awarded 1st Place at the SpringBoard 2017 Hackathon.
NodeJS | Clouinary | AWS

Politeia

August 2015

Android app that uses facial recognition to recognize and return a politician's career info and financial data. Awarded the Audience Choice Award.
Polymer | Kairos | Cordova