

Najm Sheikh

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Experience

Software Engineer @ Wayaj December 2017 – Present

- 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.

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.

Community Liaison @ Flushing2025 May 2016 – August 2016

- Performed outreach with local community leaders and garnered community support.
- Built partnerships with government officials - both on the city and borough level.
- Worked with the in-house design team to create advertising material, templates, and project media kits.

Founder @ QueensHack September 2015 – May 2016

- Founded and directed a team of six undergraduate students to host Queens' first student-run hackathon.
- Designed the entire theme (website, prospectus, flyers, social meta-cards).
- Secured sponsorships with various companies, both in-kind and monetary.
- Managed a team of 'campus heroes' to market the event and be our point of contact within their respective schools.

Education

Hofstra University – Hempstead, New York September 2016 – May 2020

- Major: Computer Science | Web & Mobile Eng.

Skillset

Languages: HTML/CSS, JavaScript, Java, Python, Go, LaTeX

Databases: Microsoft SQL Server, Firebase

Tools: Git, TFS, Photoshop, Illustrator, Figma, Sketch, bash, Heroku

Featured Projects

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 | Cloudinary | 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

Foodie August 2015

Using SMS, a user is paired up with another user to try out a different cuisine. App then books a table at the nearest restaurant.
Twilio | NodeJS | Firebase