

Jibran Khalil

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EDUCATION

The University of Texas at Austin

August 2019 – May 2022

B.S., Computer Science

Relevant Coursework: Data Structures, Multi-Variable Calculus, Discrete Math, Longhorn Startup Seminar

PROJECTS

Sole Developer / Creator - Peeko (iOS Application)

December 2017 – Current

Anonymous social networking platform focused on authentic conversations with friends about topics on users' minds

- Swift, Node.js, Firebase, Google Cloud Storage / Functions
- Initially launched September 2018, relaunched May 2019
- **Backend:** Photo storage, notification system, conversation encryption, reporting functionality, expiring topics, mostly enabled through cloud functions and storage
- **Frontend:** Contact importation, photo / conversation caching, camera functionality, extensive user interface
- Developed unique algorithm to determine peeks required per topic
- Decreased data consumption and latency through cloud functions and a combination of different databases
- Created advertising campaign for app's launch, responded to user feedback to release updates
- Addresses negativity within current networks by focusing on ideas first and identity second

Sole Developer / Creator - Scan to Sheets (iOS Application)

August 2018 – Current

System to take attendance and manage inventory by uploading scanned barcodes / QR codes into specified Google Sheet

- Swift, Google Sheets API
- Sole developer, launched September 2018
- Downloaded in 60+ countries and 5000+ times, adapted by teachers, organizations, and companies
- Trained teachers through videos and tutorials on app implementation within their classrooms
- Used by multiple schools in the Lewisville School District to check-out Apple Pencils to students
- Addresses the inefficiency with existing inventory and attendance systems in organizations

Developer – Stutterless (iOS Application), HackTX Hackathon

November 2019

Machine learning application that recognizes stuttering within speech and provides real-time visual feedback

- Responsible for developing iOS application, collecting data, and partially developing CoreML model
- Calculates which durations of speech contain significant stuttering and improvement over time

Sole Developer / Creator – Until Next Week (iOS Application)

December 2019 – Current

App to read new, weekly stories (written by Jibran)

- Swift, parses JSON text from website into sentences

EXPERIENCE

Website Manager – Masjid Al-Noor

June 2018 – June 2019

Worked voluntarily with local community to design, update, and maintain WordPress website

- Attended community meetings to understand needs of individual committees
- Responded to incoming requests to ensure site remained relevant
- Inputted new pages and reorganized layout to relay fundraising progress and new events

Sales Associate – Kohl's

June 2019 – August 2019

Collaborated with team members to assist customers, manage inventory, and promote Kohl's Charge Cards

- Restocked inventory after freight deliveries, replenished department items, and replaced returned goods

LANGUAGES AND SKILLS

Proficient: Java, Swift, Firebase, Git | **Experience:** C, Node.js, Google Cloud Storage, Google Cloud Functions, HTML / CSS

ACCOMPLISHMENTS AND AWARDS

President – Mu Alpha Theta, Science National Honor Society

August 2017 – May 2019

- Implemented Scan to Sheets attendance system for combined 700 members, decreased sign-in times by 80%
- Created instantly accessible, live point system
- Increased membership of Science National Honor Society from 100 to 200+ members through referral system

Ford Driving Dreams Scholar

January 2019

- Selected for exemplary leadership and future goals

National Merit Finalist

March 2019

- Chosen for PSAT score among top 0.5% of students in Texas