SALEH ALGHUSSON

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EDUCATION

The University of Texas at Austin	Bachelor of Science, Computer Science	**2014 – 2017**
	Courses: Algorithms and Complexity, Software Engineering, Modern Web Applications, Data Structures, Discrete Structures, Android Development, Database Management, Computer Security, Computer Networks, Wireless Networks, Operating Systems	
Harvard Extension School	Advanced Mobile App Development. Swift, iOS	**Summer 2017**

TECHNICAL SKILLS

- **Proficient in** C#, C++, **Java** (Android, JUnit, Maven, Spring, Tomcat), JavaScript (D3, JQuery), **Python** (Django, Flask), SQL & Swift
- **Worked with** C, Objective-C, HTML, CSS, Ruby (Rails), JavaScript (React, React Native, Node), Scala & Haskell
- **Used** Git, Google Cloud Platform, AWS, REST API, Apiary, Travis CI, Jira, Oracle Apex, Salesforce, Jenkins, Virtual Environments, Apache Server & Jekyll
- **Certification: Mobile Computing Certificate** by The Computer Science Department at The University of Texas at Austin, **CCNA1** by CISCO & **Ethical Hacking Certificate** by King Fahd University of Petroleum and Minerals

EXPERIENCE

Kiva – *Fellow, NYC Team*   **2018 – Current**
- Automated Kiva's manual process of moving Data from Looker to Google Sheets by writing Google Apps Script
- Represented Kiva at 5 workshops and panels, communicating Kiva's complicated loan product
- Stewarded referral relationships with 10 key partners, including Kiva's largest referral partner in the country
- Managed a 100+ person pipeline throughout the entire sales funnel, including loan review, fundraising & repayment

University of Texas Speleological Society – *President*   **2015 – 2017**
- Held bi-weekly meetings, monthly vertical rope training
- Hosted nature conservancy 100+ person events such as talks and lectures featuring distinguished speakers
- Organized and managed 30+ person trips to caves all over Texas

King Fahd University of Petroleum and Minerals – *Undergraduate proctor/grader*   **2012 – 2013**
- Graded homeworks and quizzes for Discrete Structures (CS 253). Course taught by professor Abdulaziz Alkhoraidly
- Held weekly review/section sessions to go over problems and answer students' questions

PERSONAL PROJECTS

Voice Garden – *Hackathon project* github.com/qirh/VoiceGarden   **2018**
- Connected Google Home to an Arduino equipped with a humidity sensor, thermometer and a water pump for plants
- The Arduino uploaded the data to firebase in real-time. Google Home accessed it using a webhook written in Node.js
- Designed a conversation flow to respond to verbal commands by watering the plants or reading sensor data

Cambridge Art Navigator – *Personal project* github.com/qirh/CambridgeArt   **2017**
- iOS application that displays the public art installations in the city of Cambridge, MA
- Acquired the data from the city's API and displayed all art installations in both an interactive map and a list
- Translated the app to 5 different languages (AR, EN, SP, PT, HB). Transitioning from beta to release to the app store by Jul '18

Stock Exchange Monitor – *University project* github.com/qirh/site   salehjones.com   **2016**
- Website that was built as a way to display and compare stocks market information from different markets simultaneously
- Pulled data from Yahoo's financial API every few seconds and stored it using SQLAlchemy and Flask in the backend
- Built a public API to access the information in the database using Apiary & Documented the whole project on Git Wiki

LEADERSHIP EXPERIENCE AND ACTIVITIES

Volunteering – *Yellow Bike Project:* Fixed bicycles for the community. *Casa Marianella:* Taught ESL classes. *Texas School for the Blind and Visually Impaired:* Preserved their archives.

Language Skills – **Fluent:** English & Arabic. **B-level:** Spanish & French. **A-level:** Hebrew, Portuguese & German

Passion Projects – Travelled to 5/7 continents. Went on a handful of solo bicycle trips and crossed these international borders (USA-Mexico, Morocco-Spain, Belgium-Holland). Similarly, also travelled across the US (South-West Coast-Mid West) by motorcycle