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** Java (Android, Swing, Tomcat, Spring, JUnit), Python (Flask, Django), C#, C++, JavaScript (D3, JQuery), SQL & Swift

- **Worked with** Ruby, C, HTML, CSS, Ruby (Rails), JavaScript (React, React Native, Node), Scala & Haskell

- **Used** Git, AWS, REST API, Apiary, Travis CI, Jira, Oracle Apex, Salesforce, Jenkins, Virtual Environments, Apache Server & Jekyll

- **Certification: CCNA1** by CISCO, **Mobile Computing Certificate** by The University of Texas and **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, and 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 _____ 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 CS 253, Discrete Structures. Course taught by professor Abdulaziz Alkhoraidly.

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. Google Home accessed it using a webhook written in Node.js
- Google Home responds verbal commands and questions and either activates the pump or reads aloud the sensor readings

Cambridge Art Navigator – *Personal project* github.com/qirh/CambridgeArt   2017
- Cambridge Art Navigator is an iOS application that displays the public art installations in the city of Cambridge, MA
- The data was acquired from the city's API and displayed in both an interactive map and a list of art installations
- Translated the app to 5 different languages (AR, EN, SP, PT, HB). Transitioning from beta to release to the app store by Jul '17

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 the data from Yahoo's financial API then built a relational database using SQLAlchemy and Flask in the backend
- Built a public API to access the information in the database using Apiary. Extensive documentation of the tools in 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.
Languages – **Fluent:** English and Arabic. **B-level:** Spanish and French. **A-level:** Hebrew, Portuguese and German.
Passion Project – Built a bicycle and rode it from Austin, TX to Monterrey, Mexico all by myself.