

SALEH ALGHUSSON

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EDUCATION

The University of Texas at Austin	Bachelor of Science, Computer Science 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 Certificates: Mobile Computing Certificate, CCNA1	2014 – 2017
Harvard Extension School	Advanced Mobile App Development. Swift, iOS	Summer 2017

TECHNICAL SKILLS

- **Proficient in** .NET, Java (Tomcat, Spring MVC), JavaScript (D3, JQuery), Python (Django, Flask) & Android/iOS development.
- **Familiar with** C, C++, Objective-C, Ruby (Rails), JavaScript (Angular, React, Node), SQL.
- **Tools used** Apache Server, Apiary, Git, Google Cloud Platform, AWS (EC2, Lambda), Docker, Kubernetes, & CI/CD.
- **Concepts used** Agile, Unit testing, Continuous Integration, Continuous Testing, REST API, Containers & Virtual Environments.

WORK EXPERIENCE

Kiva, US Program – Fellow	Jan 2018 – Jul 2018
<ul style="list-style-type: none">• Automated a data migration process that took 4 workhours to accomplish every day. This was done by deploying a webhook to receive the data and a writing script to manipulate it, saving time and removing the possibility of human error.• Managed the entire sales funnel in NY from prospecting to closing, exceeding yearly growth targets by 50%.• Represented Kiva at 20+ workshops, panels & seminars, communicating Kiva's complicated loan product.	
University of Texas Speleological Society – President	2015 – 2017
<ul style="list-style-type: none">• Organized monthly training sessions to teach and test beginners on climbing rope, which made it easier for beginners to join.• Helped write a new constitution and restructure the organization; resulting in a 50% increased attendance to meetings/trips.	
Casa Marianella – Bike Mechanic / Instructor	2014 – 2015
<ul style="list-style-type: none">• Built/maintained 50+ bicycles for members to use. Taught introduction to web development (WordPress).	
King Fahd University of Petroleum and Minerals – Teachers Assistant	2012 – 2013
<ul style="list-style-type: none">• Taught weekly review sessions for Discrete Mathematics. Held office hours and graded homeworks/quizzes.	

PERSONAL PROJECTS

Voice Garden – Hackathon project github.com/qirh/VoiceGarden	2018
<ul style="list-style-type: none">• Connected a Google Home to an Arduino equipped with a humidity sensor, thermometer and a water pump for plants.• Wrote a Node.js webhook to access Arduino data from Google Firebase in real-time• Designed a conversation flow that listens for questions & commands then respectively reads aloud live data from the sensors or activates the pump to water certain plants.	
Cambridge Art Navigator – Personal project github.com/qirh/CambridgeArt	2017
<ul style="list-style-type: none">• Developed an iOS application to display public art installations all over the city of Cambridge, MA using Swift & Xcode.• Pulled data from the city's open data portal API and displayed all art installations in both an interactive map and a detailed list.	
Texas First – Personal project github.com/qirh/TexasFirst Chrome Web Store	2017
<ul style="list-style-type: none">• Published an extension to Google Chrome that loops over all of lists of states in a page and puts "TX"/"Texas" at the top.• Used jQuery to manipulate the DOM and Bootstrap to style the pop-up & options menus.	
Stock Exchange Monitor – University project github.com/qirh/jones salehjones.com	2016
<ul style="list-style-type: none">• Built a full stack web application that displays and compares stock market information from different markets simultaneously.• Pulled data from Yahoo finance API. Also, developed a public API for local data. Thoroughly documented the project on Git Wiki.	

HOBBIES AND INTERSTS

Languages – Fluent: English & Arabic. B-level (Conversational): Spanish & French. A-level (Beginner): Hebrew, Portuguese & German.
Passion Projects – I love travel, the outdoors, books & technology. So far, I have traveled to 5/7 continents, ~40 countries. Bicycled solo across 6 countries. Similarly, also traveled across half of the contiguous US & North Mexico by motorcycle.