Alex Scott

GitHub, LinkedIn

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SKILLS

- JavaScript
- Ruby
- Ruby on Rails
- React.js
- React Native
- Redux.js
- Node.js
- jQuery
- SQL
- HTML
- CSS
- Git

EDUCATION

App Academy

Graduated June 2017

- 1000-hour intensive coding program
- <5% acceptance rate

University of Michigan

Graduated December 2016

- Dual M.A. in Arabic Linguistics & Middle Eastern Studies
- GPA: 4.0

McGill University

Graduated May 2008

- B.A. in Linguistics
- GPA: 3.8

LANGUAGES

- English
- Arabic (Egyptian)
- French
- Spanish
- Italian

RECENT PROJECTS

AirBike — *Full Stack Engineer* [Rails, ReactJS]   Live, Repo

Designed interactive UI to link visiting bike renters with home mechanics

- Implemented novel error-handling scheme with custom ActiveRecord validations and efficient use of the Redux reducer
- Integrated Google Maps API to dynamically make AJAX calls to the backend based on both query params and map boundaries

RestoPick — *Full Stack Engineer* [React Native]   Live, Repo

Worked with 3-person team to implement mobile app that helps groups of friends chose a place to eat

- Composed server-side algorithm to determine most-preferred restaurant by consolidating individual ranked lists
- Leveraged external libraries to query the Yelp API (axios), enable sortable listing, and provide for in-app navigation

HistoryHover — *Front End Engineer* [Javascript]   Live, Repo

Developed Google Chrome extension that allows user to hover over a word in the browser to reveal its etymology

- Used TreeWalker to traverse the DOM so as to wrap every word in a custom HTML element
- Employed a Node.js proxy server, Shadow DOM for scoped CSS, as well as ES2016+ async functions for cleaner code

WORK HISTORY

App Academy — *Software Development Instructor*

JUNE - OCT 2017

- Taught Ruby to novice web developers; led coding demos
- Collaborated with fellow TAs to improve curriculum (e.g. adding RSpec tests, creating an automated assessment generator)

University of Michigan — *Arabic Language Instructor*

SEPT 2013 - MAY 2016

- Collaborated with a team of teachers to implement new web-based curriculum
- Recognized as exemplary graduate student instructor after first year