IAN MOBBS

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EDUCATION

The University of Texas at Austin Management Information Systems   May 2018
Computer Science
GPA: 3.27, University Honors

EXPERIENCE

KVRX Austin – *Web Developer;* Austin, TX   July 2016 – December 2016
- Oversaw transition from Drupal to in-house solution built with Django
- Consolidated requirements from each department into specification sheet for development
- Programmed backend that allows deejays to manage their radio shows, playlists, and user profile

The University of Texas at Austin – *IT Senior Student Associate;* Austin, TX   September 2015 – December 2016
- Coordinated and ensured proper functionality of classroom technology while keeping information secure
- Implemented custom software and hardware solutions for classroom and personal computers
- Supervised equipment checkout and maintained logs of equipment location

Do512 – *Business Development and Marketing Intern;* Austin, TX   December 2014 – May 2015
- Coordinated South by Southwest business development plan for by communicating with potential company partners
- Launched initiative to help list and promote events for The University of Texas at Austin
- Maintained website by posting, editing, and reviewing hundreds of website events

PROJECTS

Backtrader – *Evaluate stock trading systems over time*   April 2017
- Created system to backtest trading strategies over historical stock prices using Python and Pandas
- Provides return rates, strategy analysis, and and portfolio value graphs over time

Melanie – *Melanoma detection with Tensorflow*   December 2016
- Trained Tensorflow Inception-v3 network to classify moles as malignant or benign
- Created a RESTful API using Flask that accepted images and returns a diagnosis
- Developed an iOS application to take pictures and communicate with the RESTful API

DailyDevTalk – *Connect with other developers over Twitter*   November 2016
- Developed Twitter bot that tracked software-related hashtags and connected people talking about similar topics
- Found cosine similarity between tweet being matched and tweets previously tracked to determine who to connect with

PayWithText – *Send money securely over SMS*   October 2016
- Developed SMS based payment system using Flask, Twilio, and Capital One API
- Allows for payments and payment requests to any phone number while tracking balance for every user
- Finalist at HackTX, placed in top 10 teams out of some 600 competitors

KVRX Livestream – *Listen to KVRX while browsing the web*   June 2016
- Wrote extension for Google Chrome that allows you to listen to 91.7 KVRX Austin while browsing the web
- Developed persistent background script containing an audio element playing the livestream
- Scrapes KVRX website for track information and updates in real time

ADDITIONAL INFORMATION

Languages: Proficient in Python, Golang, Swift, SQL, HTML5, CSS3, JavaScript, and jQuery. Working knowledge of Java, PHP, and C#.
Services/Packages: Proficient in Amazon Web Services, Apache, Heroku, Tensorflow, and Twilio. Working knowledge of Hadoop.
Frameworks: Proficient in Django, and ASP.NET. Working knowledge of Flask and Rails.
Interests: Passionate about Indian food, independent music, and electric vehicles.
Work Eligibility: Eligible to work in the U.S. with no restrictions