

IAN MOBBS

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EDUCATION

The University of Texas at Austin	Management Information Systems Computer Science GPA: 3.34, University Honors	May 2018
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EXPERIENCE

Qualtrics – Software Engineer; Seattle, WA July 2018 – Present

- Engineer on the Identity Services team, responsible for authentication, authorization, and user data management
- Enabled Qualtrics as an identity provider for third party applications using the OAuth 2.0 protocol
- Developed a way for organizations to capture and store custom attributes about users during their initial signup and group users by accounting entities

Capital One – Software Engineering Intern; McLean, VA June 2017 – August 2017

- Built system for approximately 600 financial investigators to find news articles about subjects under investigation
- Designed a scalable microservice-based architecture for the system, available to the entire anti-money laundering division
- Developed Python-based API to analyze and gather investigator feedback for model development and A/B test different article ranking algorithm efficiency

KVRX Austin – Web Developer; Austin, TX July 2016 – December 2016

- Oversaw transition from Drupal CMS to in-house solution built with Django
- Consolidated requirements from each department into specification sheet for development
- Developed backend to allow deejay and administration management of playlists, shows, and profiles

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

PROJECTS

Stickerlack – Create stickers from your custom Slack emoji January 2019

- Integrated with Slack to pull emoji and generate PDFs of sticker sheets based on quantity and size using Puppeteer
- Developed user management and checkout application using Django and Stripe to track, ship, and fulfill orders

Backtrader – Evaluate stock trading systems over time April 2017

- Created system to test trading strategies over historical stock prices using Python and Pandas
- Provides return rates, strategy analysis, and portfolio value graphs via a command line interface

Melanie – Diagnose malignant melanoma from images of moles December 2016

- Trained Tensorflow Inception-v3 network on hundreds of images of benign and malignant moles to identify cancerous cells
- Wrote iOS application to take pictures and send them off to server for classification, then return the diagnosis

DailyDevTalk – Connect with other developers over Twitter November 2016

- Developed Twitter bot that tracked software-related hashtags and connected people talking about similar topics
- Analyzed the sentiment and content of each tweet and connected users based on similarity

PayWithText – Send money securely over SMS (Finalist at HackTX 2016) October 2016

- Developed SMS based payment system using Flask, Twilio, and Capital One banking API
- Allows for payments and payment requests to any phone number while tracking balance for every user

ADDITIONAL INFORMATION

Languages: Python, Java, JavaScript, HTML5, CSS3, SQL

Frameworks: Flask, Django, Spring, Node.js, Angular, React, React Native

Services: Amazon Web Services, Heroku, Grafana, Sumo, Jenkins

Work Eligibility: Eligible to work in the U.S. with no restrictions