

# Aasim Rajabali

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## SUMMARY

Proven leader with experience in research methods as well as Python, SQL and more data analysis/web-application programs; Technically-savvy and hold exceptional management, critical-thinking and problem-solving skills to contribute to transforming raw data into usable insights; Pursuing careers in Information Technology and Software Development

## SKILLS

### Database/Data Analysis

- Data Management: PostgreSQL, Excel, Google Suite, QuickBooks
- Data Visualization: iMotions, Tableau

### Programming

- Python: Algorithm Development, OOP, Django
- Web Design: HTML5, CSS3, JavaScript, MySQL, PHP

## PROJECTS

### Web-Poll Application

November 13, 2019

- Used Python and Django to make a public site that lets people view polls and vote in them; Implemented Django's admin site to let the admin user add, change, and delete polls; Included automated tests for the application to validate the code and prevent future issues

### MediaScience: Facebook Mobile Advertisement Study

March 8 – August 5, 2017

- Created Spreadsheet to record data of 1500+ participants, using dropdown menus to detail the data metric used, types of advertisements seen and type of interactions while a participant uses the mobile app

### Student Database

November 24 – December 2, 2015

- Used MySQL to build a student database, with an HTML5 and JavaScript interface, integrated PHP to assist with inserting, storing, and deleting student records

## WORK HISTORY/EXPERIENCE

### Waymo, on behalf of Genesis10 · Fleet Response Specialist · Austin, TX

April 2018-November 2019

- Assessed real world and simulated scenarios to support Google's self-driving car operations
- Analyzed small visual details and audio prompts that may impact self-driving car behavior

### Embark Energy, LLC · Business Analyst · Austin, TX

August 2017-January 2018

- Analyzed fuel volume trends by location to determine optimal time to dispatch new fuel orders, while monitoring spot price changes to make data-driven purchasing decisions
- Reconciled business transactions through QuickBooks and coordinated fuel transportation logistics
- Assisted in business development and new customer acquisition

### MediaScience · Research Intern/Associate · Austin, TX

January 2016-November 2017

- Managed and worked with a team of 5-6 people to research neurological studies for Facebook, conducted a study of over 1500 participants with focus on how users respond to advertisements while using the mobile app, recorded findings in Google Sheets and contributed to data visualization in iMotions, measured eye-tracking, facial expressions, and other human behaviors during studies
- Assisted in the transition to Google Suite to help improve company efficiency when recording participant data

### UT Austin, Graduate Math Dept. · IT Office Assistant · Austin, TX

August 2015-August 2016

- Contributed in troubleshooting and starting up new desktops with Mac or Windows operating systems
- Helped set up hardware systems in multiple classrooms/labs, installed remote desktop to increase efficiency with WiFi setup across multiple systems

## EDUCATION

### Udemy

SQL Certificate

Received October 2017

### The University of Texas - Austin

B.S.A: Applied Mathematics

August 2013-December 2016

Elements of Computing Certificate

Received July 2016

Business Foundations Certificate

Received December 2015