

# ALI ZAINI

azaini101@gmail.com ▪ (504) 402-2235  
github.com/azaini101 ▪ azaini.me ▪ linkedin.com/in/azaini101

---

## EDUCATION

### UNIVERSITY OF NEW ORLEANS

#### **Bachelor of Computer Science – Summa Cum Laude**

- GPA: 3.97/4.00; Dean's List (2018-2020)
  - UNO ACERS Scholarship (2019-2020)
  - Louisiana TOPS Honors Award (2017-2020)
- 

**New Orleans, LA**

*December 2020*

## SKILLS

Python, Java, JavaScript, NodeJS, React, Flask, PowerShell, Puppet, SQL, HTML/CSS, Git/GitHub, MongoDB, Heroku, Data Visualization, Linux, MS Office

---

## EXPERIENCE

### ASSOCIATE SOFTWARE ENGINEER

#### ***The MITRE Corporation***

**McLean, VA**

*November 2021 – present*

- Developed a Python automation tool that will allow for generated reports to be completed in 5 minutes, in contrast to the previous two-week process. A REACT frontend has been added to allow for the sponsor to run the script as needed using Flask.
- Implemented a database schema and Python handler to parse clients' data from Excel and save it in a uniform manner, thereby allowing the team to visualize and identify trends.

### SOFTWARE ENGINEER

#### ***CGI Inc.***

**Lafayette, LA**

*January 2021 – October 2021*

- Streamlining the setup procedure for the development environment of CGI's federal financial management system, Momentum, for quicker turnaround times on recreating service request errors.

### BACKEND ENGINEER

#### ***Ochsner Health***

**New Orleans, LA**

*August 2019 – January 2021*

- Automated the scheduling process for Go-Lives, where Ochsner partners with another hospital and must schedule all their current employees for training. The process would previously take, on average, about 7 hours to complete. With the program, it would be complete in approximately 10 minutes.
- Programmed a unique National Resident Matching Program (NRMP) with Python that matched newly hired analysts with teams within the company.
- Led meetings with Salesforce teams to propose a partnership with the training team in streamlining parts of our workflow; the partnership is now in full effect.

### DATA SCIENCE INTERN

#### ***Ochsner Health***

**New Orleans, LA**

*June 2019 – August 2019*

- Created a data visualization tool for post-training surveys that cleans, formats, and organizes data from a form with Python and returns an excel report for the team to view. Previously, this workflow would take 8 hours, and now it takes just 5 seconds.
- 

## NOTABLE PROJECTS

### ISMAH DESIGNS SHOPPING | FULL STACK DEVELOPER

*Spring 2020*

- Implemented a fully functioning shopping site for a clothing brand to be going live in the near future.
- Developed by writing raw HTML, CSS, and JavaScript.
- On the backend, product information is stored on MongoDB, and variables are saved onto cookies to save items without a login.
- The site is temporarily being hosted on azaini.me/IsmahDesigns.

### @DMVIDBOT ON TWITTER | FOUNDER AND DEVELOPER

*Summer 2020*

- Created a chatbot for Twitter. Users can direct message the bot to set up their phone number and then send any Tweet and have the video sent to their WhatsApp.
  - Developed using Node.js and utilizing Twitter's API for communication on Twitter and using Twilio to send content to users on WhatsApp.
  - A web-scraper (Cheerio) is used to parse download links and find the highest quality download which is below the Twilio limit of 16MB.
  - Project is hosted on Heroku and available to use by direct messaging @DMVidBot on Twitter.
- 

**GLOBAL MINDSET: FLUENT IN ENGLISH AND ARABIC**