ALI ZAINI
SOFTWARE ENGINEER

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GLOBAL MINDSET: FLUENT IN ENGLISH AND ARABIC

EXPERIENCE

SOFTWARE ENGINEER   Lafayette, LA
CGI Inc.   *January 2021 – present*

- 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   New Orleans, LA
Ochsner Health   *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   New Orleans, LA
Ochsner Health   *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 a 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 using no frameworks.
- On the backend, variables are saved onto cookies to save items without a login.
- At this time, the site is being recreated using React and MongoDB for our code to be more organized and easily updated in the future. 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.
- The app gives users the ability to privately request their videos, unlike other bots that require a direct reply to the tweet.
- 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.

SKILLS

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

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EDUCATION

UNIVERSITY OF NEW ORLEANS   New Orleans, LA
Bachelor of Computer Science – Summa Cum Laude   *December 2020*

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