Hasana Chaudry

732-589-9770

hasanachaudry@gmail.com

EDUCATION:

BS Computer Science, BA Mathematics, BS Physics – Susquehanna University, PA Aug 2014-May 2018

TECHNICHAL SKILLS:

Programming | Frameworks: Python, SQL, TypeScript, HTML5, CSS3, Django, Flask, Angular 2-6, Angular JS
Libraries: Pandas, NumPy, Matplotlib, Requests, Collections, RE, OS, Celery, Gulp
Tools: MATLAB, Eclipse, PyCharm, VS Code, TFS, Postman, GitHub, Bitbucket, MySQL Workbench, JIRA
Servers: Windows, Linux, Apache, NodeJS, HTTP, PuTTy

PROFESSIONAL EXPERIENCE

Bank of America, Merill Lynch – Pennington, NJ **August 2019 – Present**

Role: Software Engineer

At Bank of America, Merill Lynch I am currently a lead front end Angular developer. I work closely with designers and Product Owners to develop an internal application while following agile software development methods.

- Working closely with designers and Product Owners to gather requirements.
- Manage a team of five frontend developers and worked as their lead in software development.
- Secured funding for and spearheaded the migration of entire internal apps from Angular JS to Angular 2.
- Worked closely with models/services/components in the Angular Framework.
- Responsible for deploying code to various environments, bundling/minifying apps, and staging builds.
- Use gulp to automate bundling and deployment tasks and Jira to manage workflow and track project development.

Bowlero Corporation – Manhattan, NY **June 2019 – July 2019**

Role: Data Scientist

In this role I developed and worked on an application that was used to track and increase internal revenue management. As a lead developer on this project, I worked a unique role that was a heavy mixture of data science and software engineering.

- Used Pandas to create dataframes, manipulate columns, and insert external data given existing revenue data.
- Used Numpy to analyze different data trends, organize data, and extract specific arrays.
- Worked with and queried a mySQL database on a frequent basis and inserted/modified records in it as well.
- Created a bulk upload option for users to insert records into the database by manipulating the inserted excel file using Pandas and OS so that it matched the database structure.
- Used Matplotlib to plot/graph profitable data trends for review by the finance and marketing teams.

NYC Human Resource Administration – Brooklyn NY **February 2019 – May 2019**

Role: Angular Developer

The application I am working on creates a portal for childcare providers throughout the city's boroughs. The application utilizes various extensive forms, controllers, data tables, registration services, and various other Angular 6 dependencies.

- Used Angular reactive forms and validations to validate the user input.
- Used Bootstrap and CSS3 to build responsive websites for different devices.
- Developed Authentication and Security using Angular built-in authentication.
- Used Angular built-in and custom services to consume the RESTful APIs in the front-end.
- Deploy the application through GitHub for the version control. Used sessions for better performance of the web page.
- Utilized Angular routing modules to create single page applications and implemented lazy load.

Geisinger – Danville, PA **January 2017 – September 2017**

Role: Python Developer (Intern)

At Geisinger, I used MRI data from patients' records to develop an algorithm that mapped out the blood flow within veins and arteries, the workings of both ventricles, and a three-dimensional volumetric representation of the human heart. A customized version of the minimum spanning tree was implemented in this program to calculate the various focus points.

- Performed data analysis on MRI data from Geisinger Hospital's Fornwalt Lab.
- Organized the obtained MRI data in implementable MySQL databases.
- Created a Graphical User Interface in MATLAB for plotting the MRI data points.
- Creating models and routes in Django to implement certain data sets.
- Improved time efficiency and volumetric accuracy of the code to precisely map the blood flow by comparing the complexity of versions of the program in Python.
- Implemented Django forms in the GUI to allow for input values from medical professionals.