|  |  |  |
| --- | --- | --- |
|  |  | Shafin Mohammed  Application Engineer |
| Profile Former RF Engineer looking to undertake new challenges as a Python developer.  1-year experience in Django web framework and machine learning. Contact PHONE:  530-902-0579  [Portfolio](https://shafin071.github.io/shafinmohammed.github.io/#home)  [LinkedIn](https://www.linkedin.com/in/shafin-mohammed-50615447/)  EMAIL:  [shafinmohammed@gmail.com](mailto:shafinmohammed@gmail.com) SKills **Coding Language:**   * Python   **Web Framework:**   * django * django REST Framework   **Web Development:**   * HTML * CSS * JavaScript: jQuery, React(beginner)   **Databases:**   * PostgreSQL * SQLite   **APIs:**   * Stripe * Google Map * Mapbox   **Web Applications:**   * Github * Heroku * AWS S3 * Postman |  | EDUCATION  |  |  | | --- | --- | | Undergraduate:*George Mason University, VA* September 2009 – May 2012  Electrical Engineering  GPA: 3.35 | Graduate:*George Mason University, VA* January 2015 – May 2017  Telecommunications  GPA: 3.75 |  Portfolio Projects **<Hello World/>:** A dummy eLearning website built with django, JavaScript, Bootstrap with various other tools to provide user experience as a student. Hosted with Heroku and AWS S3. [Website](https://shafin-elearning.herokuapp.com/) [GitHub](https://github.com/shafin071/hello-world)  **pybot n00b:** Automated test performed on <Hello World/> project. Script written with Python unittest module and Selenium. The test results are formatted and emailed. [Watch Demo](https://youtu.be/aqrQ4hAe17Q) [GitHub](https://github.com/shafin071/pybot.n00b)  **Word Count:** Finding most frequent words from a dataset of commercial slogans using Python NLTK. [Jupyter Notebook](https://shafin071.github.io/nltk-ex-1/)  **COVID-19 Analysis:** Data visualization and forecast on S. Korea COVID-19 dataset. [Jupyter Notebook](https://shafin071.github.io/covid19-analysis/)  **Automobiles Data:** Data imputation, cross-validation and determination of suitable ML algorithm. [Jupyter Notebook](https://shafin071.github.io/automobiles_imputation_classification/) WORK EXPERIENCEIDARE LLC, Dhaka, Bangladesh,*Application Engineer, March 2019–February 2020* A Houston based startup with a vision to develop a SaaS for the energy industry. An application that automates complex and time-consuming engineering designs to significantly reduce project completion time.   * Converted complex Mathcad calculations to analytics scripts using Python’s scientific libraries (Scipy, Numpy) and data visualization libraries (Plotly, Cufflinks). * Analytics served as API using django REST framework * Created interactive UI to use the analytics  UDPlatforms, Dhaka, Bangladesh,*Junior Software Developer, September 2018-February 2019* **Map Visualization Project:** Developed a prototype for a web-based solution to visualize traffic data in USA. Built with django, PostgreSQL and Mapbox/Google Map API.   * Uploaded large csv file to database via django admin * Queried and filtered data and sent them to Mapbox/Google Map API for visualization. |