MD SAMI UDDIN

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Education

Old Dominion University (ODU) — Norfolk, Virginia
M.Sc. in Computer Science ; GPA 3.85 — Jan. 2020-Dec. 2021 [Expected]
Courses: Data Visualization, Data Sci & Analytics, Machine Learning

Military Institute of Science & Technology (MIST) — Dhaka, Bangladesh
B.Sc. in Computer Science and Engineering — Jan. 2013-Feb. 2017

Skills

Languages/Lib	JavaScript(jQuery, Vega-Lite), Python(NumPy, Pandas), C#, R
Web	HTML, CSS, .Net Core(MVC), SQL server, Azure, Bootstrap, Sass, Git, Ajax, Gulp, BEM
Software	Weka, OpenRefine, Tableau, RStudio, JMeter, Visual Studio, Linux, Jupyter NB

Work Experience

Graduate Teaching Assistant, Old Dominion University — Norfolk, Virginia — Jan. 2020-Till Date
- Grade the projects and HWs of around 90 students each semester. Guide them with solutions and provide feedback.

System Developer, Bluebnc — Dhaka, Bangladesh — May 2017-Dec. 2019
- Integrated Google Map JavaScript API with the web project which helps to find boats from the locations of multiple different time zones.
- Collaborated with the marketing team to implement SEO technique that placed the website on the 1st page from the 17th page in Google search from Mallorca.
- Expedited our development following CI/CD and clipped the production errors 95% by continuous code reviews.
- Built the project with a mobile-first approach and developed PWA that saved millions on investing resources to develop projects in the new platforms.
- Slashed functional bugs 90% by implementing unit tests on REST API backend.

Undergrad Student Intern, Promo Payout — Dhaka, Bangladesh — Dec. 2015-Dec. 2015
- Built an android app that would notify the users about the next prayer time.

Projects

Nutri-Assist — github.com/rayansami/nutrition-assistant
- Developed a system that would take casual voice command from the users about their food intake, and show the nutrition values for those mentioned food items. **Technology**: Python, RESTApi, NLP

Heart Failure Analysis & Prediction — github.com/rayansami/heart-failure-analysis-prediction
- Explored the dataset using EDA to find out prominent factors for heart failure which later were used to build up the machine learning model for early prediction. **Technology**: Python(NumPy, Pandas, Seaborn, Scikit-learn)

Semantic Extractor — github.com/rayansami/SemanticExtractor
- Research project for lower visioned people, to enable them creating table of content from a webpage, to allow focusing on desired part of the webpage later. **Technology**: JavaScript, HTML

Volunteer Works

- Marketing Manager, Computer Science Graduate Society (CSGS), ODU
- Instructor, Student ThinSat Research Summer Camp (STRS) 2020

Achievements and Certification

- Project: Autistic Learning Tool; 2nd runner-up in International Humanitarian Technology Project Competition(IHTPC) 2017, BUET, Dhaka, Bangladesh
- CCNA routing and switching (200-125), MIST