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, BS4), C#, C, R, PHP, Shell
Web	HTML/CSS, Bootstrap, .Net Core(MVC), SQL, Azure, Entity Framework, Git, Ajax, Swagger
Software	Weka, OpenRefine, Tableau, RStudio, JMeter, Postman, Linux, SQL server

Work Experience

Graduate Research & Teaching Assistant, Old Dominion University — Norfolk, Virginia — Jan. 2020-Till Date

- Assisting students on their web projects and weekly assignments.
- Researching on Text Mining and Natural Language Processing. Currently extracting Electronic Thesis & Dissertations and developing a repository.

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
- Vice President, Bangladesh Student Association (BDSA), ODU
- MS Student Representative to College of Science, Department of Computer Science, ODU

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