

SAMI UDDIN

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Education

Old Dominion University (ODU)

Norfolk, Virginia

M.Sc. in Computer Science ; GPA 3.78

May 2022

Data Visualization, Data Science & Analytics, Machine Learning

Thesis: Developing a DL model to solve citation parsing problem (NLP)

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, Pytorch), C#, C++, PHP, Shell

Web HTML5, CSS3, .Net Core(MVC), Microservices, SQL, Azure DevOps, Git, JSON, XML, Agile

Software Weka, OpenRefine, Tableau, RStudio, JMeter, Postman, Linux, SQL Server, IIS

Experience

Graduate Research & Teaching Assistant, Old Dominion University

Norfolk, Virginia

Jan. 2020-Present

- Assisting students on their web projects on Php, MySQL, HTML & CSS.
- Extracting metadata & pdfs of ETD (Electronic Thesis & Dissertations) using OAI-PMH API and developing a repository. Technologies are Python and MySQL
- Developed Chrome Extensions for people with low vision using JavaScript, Apps Script, HTML and CSS

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 Continuous Integration/Continuous Delivery 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. Technology were Java, Php and MySQL

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 (Chrome Extension) 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 Experience

- 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