

MD SAMI UDDIN

Norfolk, VA, 23503

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Education

Old Dominion University (ODU)

M.Sc. in Computer Science; GPA 3.78

Norfolk, Virginia

May 2022

Military Institute of Science & Technology (MIST)

B.Sc. in Computer Science and Engineering

Dhaka, Bangladesh

Jan. 2013-Feb. 2017

Skills

Languages/Lib JavaScript (jQuery, Vega-Lite), Python (NumPy, Pandas, Pytorch), C#, PHP, Shell, C++

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

Work Experience

Sr. Business Systems Specialist, [Virginia Marine Resources Commission](#)

Hampton, Virginia

Mar. 2022-Till Date

- Configured version control (Git) across all seven projects.
- Developing Charter & Guide License purchase system for Fisheries Management.
- Built a barcode-enabled inventory system for the Law Enforcement department.

Graduate Assistant, [Old Dominion University](#)

Norfolk, Virginia

Jan. 2020-Mar.

2022

- Assisting students with 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 techniques 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 by 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 the REST API backend.

Projects

Nutri-Assist

github.com/rayansami/nutrition-assistant

- Developed a system that would take casual voice commands from the users about their food intake and show the nutrition values for those mentioned food items. **Technology:** Python, RESTApi, NLP

TRANSPARSCIT: Citation Parser

github.com/rayansami/citation-parser

- A citation parser trained with Transformer and CRF stack to extract metadata (like *Author*, *Publication*, *Date*, etc.) given a reference string. **Technology:** Python, Deep Learning, NLP

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

Web Crawler(s)

github.com/lamps-lab/ETDMiner/tree/master/webcrawler

- Collected metadata and theses from US school websites to develop a digital library as a part of IMLS funded research project. **Technology:** JavaScript, HTML, Python, MySQL