

MD SAMI UDDIN

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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(ES6+), TypeScript, Python (NumPy, Pandas, Pytorch, BS4), C#, PHP, Shell, C

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

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

Work Experience

Software Engineer, [Virginia Marine Resources Commission](#)

Hampton, Virginia

Mar. 2022-Till Date

- Configured version control (Git) across all seven projects.
- Transforming the existing paper-based license purchase system into an online solution automating the business logics.
- 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