

# 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, D3), Python(NumPy, Pandas), C#, C, R

Web HTML/CSS, .Net Core(MVC), SQL server, Azure, Bootstrap, SASS, Git, Ajax, Swagger

Software Weka, OpenRefine, Tableau, RStudio, JMeter, Visual Studio, Linux, Jupyter NB

## Work Experience

**Graduate Research & Teaching Assistant**, Old Dominion University

Norfolk, Virginia

○ Assisting students on their web projects and weekly assignments.

Jan. 2020-Till Date

○ Researching on Text Mining and Natural Language Processing. Currently extracting Electronic Thesis & Dissertations and developing a repository.

**System Developer**, [Bluebnc](#)

Dhaka, Bangladesh

○ Integrated Google Map JavaScript API with the web project which helps to find boats from the locations of multiple different time zones.

May 2017-Dec. 2019

○ Collaborated with the marketing team to implement SEO technique that placed the website on the 1<sup>st</sup> page from the 17<sup>th</sup> 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

○ Built an android app that would notify the users about the next prayer time.

Dec. 2015-Dec. 2015

## 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; 2<sup>nd</sup> runner-up in International Humanitarian Technology Project Competition(IHTPC) 2017, BUET, Dhaka, Bangladesh

○ CCNA routing and switching (200-125), MIST