MD SAMI UDDIN

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Education

Old Dominion University (ODU)   Norfolk, Virginia
M.Sc. in Computer Science ; GPA 3.75   Jan. 2020-Dec. 2021 [Expected]
Courses: Intro. To Data Science & Analytics, Intro. to Machine Learning

Military Institute of Science & Technology (MIST)   Dhaka, Bangladesh
B.Sc. in Computer Science and Engineering   Jan. 2013-Feb. 2017

Skills

Languages/Libraries	JavaScript(jQuery, Vega-Lite), Python(NumPy, Pandas), C#
Web	HTML, CSS, Sass, Git, .Net Core, Azure, Gulp, BEM, SQL server
Software	Weka, OpenRefine, Tableau, RStudio, JMeter, Visual Studio, VS Code, Jupyter NB

Work Experience

Graduate Teaching Assistant, Old Dominion University   Norfolk, Virginia
- Grade the projects and HWs of around 90 students each semester. Guide them   Jan. 2020-Till Date
  with solutions and provide feedback.

System Developer, Bluebnc   Dhaka, Bangladesh
- Integrated Google Map JavaScript API with the web project which helps to find   May 2017-Dec. 2019
  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
- Built an android app that would notify the users about the next prayer time.   Dec. 2015-Dec. 2015

Projects

Behavior Analysis   github.com/rayansami/behaviour-analysis
- From Open University Learning Analysis dataset, made inferences about the traits of the students who
  perform poorly in their academics. Employed Decision tree, Random forest, AdaBoost and Bagging to
  build models and compared the accuracy among them. Technology: Python, Jupiter Notebook

Flappy Bird   github.com/rayansami/Flappybird
- Cloned Flappy Bird game for the browsers. Technology: HTML,CSS and Vanilla JavaScript.

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
- Instructor, Student ThinSat Research Summer Camp (STRS) 2020

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