Md. Rayed Bin Wahed

Github Profile

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EDUCATION

- **BRAC University** Mohakhali, Dhaka
  Bachelor of Science in Computer Science; CGPA: 3.75/4.00 *Jan 2012 – Aug 2016*

EXPERIENCE

- **Therap (BD) Ltd.** Banani, Dhaka
  Software Engineer, System Architecture Team *Oct 2016 - Present*
  - **About**: Therap (BD) Ltd. is a fully owned subsidiary of Therap Services LLC, USA. Therap is an online documentation, reporting and communication software suite for agencies supporting individuals with Intellectual and Developmental Disabilities (I/DD).
  - **Core Responsibilities**: As a full-stack developer for the system team, I write and maintain modules mostly related to system administration and user login. Additionally, I write programs critical to the performance and security of the system. Finally, I authored front-end and back-end libraries that other teams use internally for their development.
  - **Core Technologies**: Java EE, Spring, Hibernate, Javascript, SQL, Oracle Weblogic, Gradle, Git, Bash.

- **BRAC University** Mohakhali, Dhaka
  Teaching Assistant *Jan 2014 - Aug 2016*
  - **Data Structures**: Taught Data Structures for a total of five semesters. I graded quizzes and assembled supplementary practice material for students
  - **Discrete Mathematics**: Taught Discrete Mathemetics for one semester grading quizzes and providing supplementary learning materials.

DEEP LEARNING

- **Degree Thesis**
  Comparative Analysis Between Learning Models Using Facial Expression Recognition *Jan 2016 - Oct 2016*
  - **Objective**: Our objective was to investigate how efficiently Google's Inception-v3 deep neural network architecture performed in comparison to some popular variants of SVMs at the time, a few shallow neural nets and a CNN model designed by us in a computationally harsh environment such as mobile GPU.
  - **Results**: We found that the Inception-v3 module outperformed all previous benchmarks and provided the best although actually testing the performance of each model in a mobile device was left as future work.
  - **Link**: Comparative Analysis Between Inception-v3 And Other Learning Systems Using Facial Expression Recognition

- **Online courses and MOOCs**
  Self Learning *Jan 2012 - Dec 2013*
  - :

- **Books**
  Deep learning with Python
  - :

PROGRAMMING SKILLS

- **Languages**: Python, Java, Javascript, SQL, Bash