Sarbajit Saha

Address – AS 2/3, Phase – I, GolfGreen, Kolkata – 700095

Email: sarbajitsaha1@gmail.com

Number: +918961800376

Education

- B.Tech in Computer Science And Technology from Indian Institute Of Engineering Science And Technology (IIEST), Shibpur (2014-2018)
  (CGPA – 8.67/10 till 6th Semester)
- Higher Secondary (10+2)(CBSE Board) from South Point High School (2014)
  94% secured
- Secondary (10) (WBBSE Board) from South Point High School (2012)
  91% secured

Experience

- **MindStretch**   *PHP Developer(Intern)*   01/01/2016 - 01/07/2016

  Worked on Project AppConnect which consisted of the development of an Enterprise Service Bus based on PHP and XML.

- Internship under **Professor Saptarshi Ghosh** (IIT Kharagpur)   01/12/2016 – Present

  Worked on a legal IR (Information Retrieval) project, which involves finding similar legal judgements using various measures such as citation network analysis and text similarity methods(doc2vec, word2vec, LDA, tfidf etc.).

Skills

- Highly skilled and proficient in: C, Java, Python
- Proficient in: C++, C, PHP, JavaScript, MySQL
- Graph Libraries – SNAP, Community Detection Algorithms (e.g. Infomap, OSLOM)
- Other Frameworks/Libraries/Tools: Laravel, Android, Django, Laravel, VueJS, Jquery, OpenCV

Relevant Courses

Graph Algorithms, Data Structures and Algorithms, Theory of Computation, Programming Paradigms, Discrete Structures, Operating Systems, Digital Logic, Computer Architecture, Multimedia Systems, Database Management Systems, Microprocessor Based System Design, Data Mining, Computer Networking and Distributed Systems, Simulation and Modelling

Projects (More projects available at https://github.com/sarbajitsaha)

- Pierra – An Android app which applies the styles of famous painters such as Picasso, Pierre, da Vinci onto your images, turning them into unique pieces of art, built using Tensorflow Mobile and OpenCV Library.
- Chip8 Emulator - A Chip 8 emulator written in C++. CHIP-8 is an interpreted programming language, developed by Joseph Weisbecker. CHIP-8 programs are run on a CHIP-8 virtual machine. It was made to allow video games to be more easily programmed for said computers.
- Cluster Comparison Algorithms - A collection of 5 different cluster comparison algorithms based on https://www.aaai.org/ocs/index.php/ICWSM/ICWSM13/paper/viewFile/6103/6402 (implemented in C++)