

147 C/4 Lake Town,
Kolkata-700048, West Bengal, India

RAJDEEP SUROLIA

[+91] 9007835873
rsurolia4@gmail.com
Website - rajdeep7.github.io

EDUCATION

Kolkata , WB	Jadavpur University	Fall 2014 (Graduation Year - 2018)
<ul style="list-style-type: none">• Bachelor of Engineering (B.E) in Computer Science. Latest GPA: 8.0• Undergraduate Coursework: Data Structure and Algorithms; Programming Languages; Operating Systems; Object Oriented Programming; Data Mining; Artificial Intelligence		
High School	Birla High School	Passing Year - 2014
<ul style="list-style-type: none">• Secured 93% in class 12 CBSE• Secured 10.0 CGPA in class 10 CBSE		

INTERNSHIPS

Summer Intern	Indian Institute of Management, Calcutta (IIM - C)	May 2016 - August 2016
<ul style="list-style-type: none">• A social entrepreneurship project called Owlsh Oracle aimed at providing education to students in rural villages through online classes(e-classrooms).• Was part of the technical team that helped provide e-learning facilities in these areas.		
Summer Intern	C&S Group GmbH, Wolfenbuttel, Germany	May 2017 - August 2017
<ul style="list-style-type: none">• Using C# as the primary language, worked on the software INVIO (Integrated Network Validation Studio) which is currently being used by automobile companies like AUDI AG, BMW AG, Daimler AG, Ford Motor Company, Toyota Motor Company and Volkswagen AG to name a few.• Integration into the automation software (INVIO) and the Simulation environment SABER of synopsis.• Planning and implementation of the operating interface and the core functionalities of the Cross-linking variation.• Added new features and modified existing ones. Refactored the code base for future development.• Languages and Frameworks used - C#, ASP.NET, WPF, XAML.		

TECHNICAL EXPERIENCE

Projects

- **Network Security** - OS Fingerprinting software aimed at detecting the Operating System of the machine from the incoming packets. Further enhancement of the project will include softwares to diagnose and quarantine network related problems. (Languages used - C)
 - **Directed Acyclic Word Graph (DAWG)** - A Natural Language Processing (NLP) project that makes word corpuses directly from a DAWG and vice versa. Further enhancement includes conversion of word corpuses of one language to another with the help of their respective DAWGs.
 - **Sentiment Analysis** - A Data Science project for the analysis of question sentences, i.e., sentences involving question words (like What, Why, How...) and question mark(?) along with sentences with an exclamation mark at the end(!). (Topics - Machine Learning, Natural Language Processing)
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Certifications

- **Machine Learning** - by Prof. Andrew Ng from Stanford University
- **Applied Data Science with Python** - University of Michigan

AWARDS, HONOURS AND TEST SCORES

- **Hult Prize @ event (2016): Campus Director** of the Hult Prize @ event 2016.
- **TEDX Event** - Organizer of the first TED talks event at Jadavpur University
- Secured 226 Rank(AIR) among ~300K+ students in the top rated state WBJEE examination(2014)
- Secured Top 5% Rank among ~150K students in the very selective JEE Advanced examination(2014)
- Secured Top 0.5% Rank among ~1.5M students in the highly competitive JEE Mains examination (2014)

PROGRAMMING LANGUAGES AND TECHNOLOGIES

- Proficient in C; C++; Java; Python; Javascript; HTML5; CSS3; C#
- IDEs - Eclipse, ASP.NET, Weka
- Android app Development, iOS app Development and App Development using React Native
- Operating Systems (Linux, MacOS, Windows, Android, iOS)

Interests

- Machine Learning, Natural Language Processing, Data Science
- Web and Web-application Development

Communicative Languages

- English(Professional), Hindi(Native), French(Beginner), German(Beginner)