**RUPJIT CHAKRABORTY**

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| **PROFILE** |

A programmer by passion interested in the subjects Artificial Intelligence (Machine Learning, NLP), Computer Networks, Algorithms, Combinatory, Programming Languages and Parallel systems. Academically sound with proficiency in programming languages **C** and **Java**. Strive to recognize proven concepts and innovate to come up with unique results.

| **ACADEMIA** |
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* **Pursuing Masters in CSE(2nd year)** from **IIIT Bhubaneshwar(CGPA 7.2 upto 3rd sem)**
* **B.E. in Computer Science and Engineering** from **Annamalai University**, Chidambaram, Tamil Nadu with an aggregate **CGPA** of **7.64**
* **Class 12** from St. Edmund’s College(MBOSE), Shillong, with **75%** in 2008
* **Class 10 from St. Edmund’s School(ICSE), Shillong, with 85% in 2006**

| **PROJECTS** |
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* ***A secure skin tone steganography using discrete wavelet transform***

**The steganography application developed using Java will hide data in skin region of images. It is done using discrete wavelet transform which divides the image into four sub-bands viz : *LL,LH,HL,HH*. Data is embedded in the skin pixels of the high frequency sub-bands to minimize the distortion in the *stego image.* The text to be hidden is converted to bytes and actual embedding of data takes place by *swapping of gray level values*. The four sub-bands are then combined using *Inverse Discrete Wavelet Transform.***

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| **TRAININGS,SEMINARS and WORK EXPERIENCE** |

* ***Implant Training at Ardent Collaborations, Kolkata***

**Gist:** Developed a **Java** application, Institute Management System, using Java in Eclipse. The application aids the functioning of the institute by storing details about fees, hardware, software and courses available.

**Skill sets used:** Core Java, SQL and JDBC-ODBC Connectivity.

* **Was employed in Hexaware Technologies as a Quality Assessment and Testing(QATS) engineer from 24th September 2012 to 27th December 2013.**

| **ACQUIRED SKILL SETS** |
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* ***Skillsets:* Programming**: Java, C, ,SQL

**Others**: HTML

**Date of birth: 15-08-1990**

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| **PERSONAL DETAILS** |

**Contact Address:** Bipul Bhawan, Jail Road, Shillong, Meghalaya- 793001

**Languages known:** English, Hindi, Bengali, Assamese