

### Education

Program	Institution	%/CGPA
M.Tech. (CSE)	IIT Madras	<a href="#">7.61</a>
B.E. (CSE)	IEST, Shibpur	<a href="#">6.55</a>
XII - WBCHSE	South Point High School, Kolkata	<a href="#">68%</a>
X - WBBSE	South Point High School, Kolkata	<a href="#">87%</a>

### Industry Experience [Experience Letter](#)

**Ericsson India Global Services Pvt. Ltd. Solution Integrator** (Feb, 2015 - Mar, 2017)

- Worked on Ericsson's Telecommunication Billing and Charging Systems.
- Worked on projects with customers like AMX, TSTT, Entel Chile/Peru and Saudi Telecom.
- My work included Billing infrastructure setup like Environment Creation /Restoration , Data Migration Framework , Authentication gateways etc.
- Developed various types of report generation scripts for Ericsson's New Generation Voucher Servers.

### Projects

#### 1. Orienteering Problem

**January 2018 - Present**

*M.Tech. Project, Team size : 1*

*IIT Madras*

**Skill Used:** Approximation Algorithms, Heuristic Algorithms, C++, PHP, Perl

Variations of the traditional orienteering problem.

#### 2.Cell Selection Scheme For Densely Deployed Femto BS and Wi-fi APs

**Aug 2017 - Nov 2017**

*Course Project, Team size : 5*

*IIT Madras*

**Skill Used:** Java, Eclipse IDE

To identify best-serving base station (cell selection) for a user in a densely deployed Femto Base Stations and WiFi Access Points area.

### Course Work

- **Theory:** Advanced Data Structures and Algorithms, Logic and Combinatorics for Computer Science.
- **Systems:** Advanced Computer Architecture , Parallel Computer Architecture , Digital Systems Testing
- **Miscellaneous:** Advanced Programming Lab , Operating Systems , Wireless Communication N/W , Ontology

### Technical Skills

- **Programming Languages /Technologies:** C, C++, Oracle, Perl, SQL, PHP, XML, XQuery, RDF, RDFS, OWL
- **HPC:** pThreads, OpenMP, AVX
- **Tools/ Simulators:** Intel MLC, Gem5, Protege

### Achievements

- Won the ROCKSTAR Award in Ericsson. (Nov, 2015) [Proof](#)
- Named as STAR TA by department of Computer Science , IIT Madras (Nov, 2017) [Proof](#)
- Certified in EXIN Cloud Computing Foundation (June, 2016) [Proof](#)

### Teaching Experience

- Teaching Assistant: CS1100 -Undergraduate Lab for C programming (Fall 2017)
- Project Assistant: Centre for Computational Brain Research (CCBR) (Spring, 2018)
- Teaching Assistant: CS5800 - Advanced Data Structures and Algorithms (Fall, 2018)