Shiladitya Biswas
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ACADEMIC DETAILS:

Examination	University	Department	Year
M.Tech.	IIT Madras	*Computer Science and Engineering*	2019
B.E.	IIEST Shibpur	*Computer Science and Engineering*	2014

INDUSTRY EXPERIENCE:

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

- Worked on various transformation and greenfield implementation projects, mainly related to Ericsson's Telecommunication Billing and Charging Systems. Worked on projects like AMX, TSTT, Entel and Saudi Telecom. My work included Billing infrastructure setup like Environment Creation /Restoration , Data Migration Framework execution and up-gradation, Authentication gateways etc.

- Developed various types of report generation scripts for Ericsson's New Generation Voucher Servers.

- Performed ETL Data-migration from legacy to new system in Saudi Telecom.

TECHNICAL SKILLS:

- **Languages**(C, C++), **HPC**(pThreads, OpenMP, AVX), **Database**(Oracle), **Script**(Perl, Shell, SQL, LaTeX, **Ontology Languages**), **Tools/Simulators**(Intel MLC, Gem5, Protege)

COURSES TAKEN:

- Advanced Computer Architecture , Parallel Computer Architecture , Digital Systems Testing and Testable Design, Operating Systems , Advanced Data Structure and Algorithms , Logic and Combinatorics for Computer Science , Wireless Communication Networks , Ontology

ACADEMIC PROJECTS:

- **Orienteering Problem** - MTech Project (*Jan 2018 - current*)
  (*Guide: NS Narayanaswamy*)
  I am working on variations of the traditional Orienteering Problem.

- **Cell Selection Scheme For Densely Deployed Femto Base-Stations and Wi-fi Access Points**
  (*Guide: C. Siva Ram Murthy*)
  Objective: To identify best-serving base station (cell selection) for a user in a densely deployed Femto Base Stations and WiFi Access Points area.
  [click ***here*** to view]

- **Development of Bangla OCR** (Undergrad Project)
  (Guide: Prof Amit Kumar Das)
  Objective: Computerised identification of different Bengali characters from digitized Bengali text.
  [click ***here*** to view]

TEACHING EXPERIENCE:

- **Graduate Teaching Assistant**
  Department of Computer Science
  CS 1100 : Computational Engineering –(Fall 2017)
  Undergraduate Lab for C programming

- **Project Assistant**
  Centre of Computational Brain Research (CCBR, IITM) – (Spring 2018)

ACHIEVEMENTS / CERTIFICATIONS:

- **MHRD scholarship**
  Received Rs 2,97,600 from the Govt. of India for pursuing MTech at IIT Madras

- Won the Rockstar Award in Ericsson. (Nov, 2015)

- Named as STAR TA by department of Computer Science , IIT Madras (Nov, 2017)

- Certified in EXIN Cloud Computing Foundation