Chandan Kumar

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CURRENT POSITION

Teaching Assistant and Master's Student in Computer Science Department at Iowa State University.

EDUCATION

Iowa State University

Jan '17 - Current

• Master of Science in Computer Science

B.I.T Sindri, Dhanbad, India

Aug '11 - Jul '15

• Bachelor of Technology in Computer Science & Engineering

(CGPA: 7.8/10)

TECHNICAL SKILLS

Languages: Java, C++, C, C#, SAS, PROMELA.

Technologies: SQL, git, Latex, Android, HTML/HTML5, CSS.

Tools: Eclipse IDE, SPIN, PVS, Z3, LaTeX, SoapUI, Microsoft Visual Studio, Microsoft Office

WORK EXPERIENCE

Iowa State University, Graduate Teaching Assistant

Jan '17-Jun '17 & Aug '17-Dec '17

• Teaching Assistant for COMS106(Web Programming using HTML, CSS, PHP and SQL). I am responsible for creating sets of questions that can be given to students to work upon, checking their assignments, helping them through the subject in case they feel any problems, holding office hours to help them and, also making them understand the topics by holding one to one and face to face interaction sessions.

EXL(Inductis) India Pvt. Ltd., Business Analyst

Feb '16 - Dec '16

- Utilizing analytical applications like SAS to identify trends and relationship between different pieces of data, draw appropriate conclusions and translate analytical findings.
- Understanding business process management and business requirements of the customers and translating them to specific requirements. Generating summary reports using various procedures in SAS.
- Creating and working on various reporting frameworks involving customer segmentation and clustering exercises for customers.

MS Soft Solutions, Intern

Jun '13- Aug '13

- Worked over an Intranet based website that was based of .Net environment.
- Was involved in both front end and back end implementation.
- Front end involved coding in Visual Studio while back end connectivity made use of SQL Server 2008 R2.

ACADEMIC PROJECT

Guide-Me (An android app for the blind people)

• Using technologies like SQLite, C and Eclipse, we developed an Android app named Guide-Me that made use of physical buttons of the phone, to share location over message, send SMS, make calls, send Email, read mails, capture Image. The physical buttons allowed a blind person to touch and feel what he/she is pressing. It was integrated with voice so that each option is read out to the user.

ADDITIONAL COURSEWORK

Attended Seventh Summer School on Formal Techniques(<u>SSFT-2017</u>) organized by SRI.

ACHIEVEMENTS

- Awarded "Rising Star of the Company" by EXL(Inductis) India Pvt. Ltd. for significant contribution to the projects.
- Certificate of recognition for developing/hosting applications on Microsoft Azure platform, by Microsoft.