

Sourabh Parime

709 South Loomis Street, Chicago, Illinois, USA
sparim2@uic.edu • +1 (312) 614-9261 • <https://www.linkedin.com/in/sourabhparime/>

EDUCATION

University of Illinois Chicago, Chicago, Illinois, USA

- M.S. in Computer Science Jan 2017 – Ongoing
 - Software Development for Mobile Platforms (CS 478)
 - Introduction to Machine Learning (CS 412)
 - Data Mining and Text Mining (CS 580)

GITAM University, Visakhapatnam, Andhra Pradesh, India

- B.Tech. in Computer Science and Engineering Jul 2010 – May 2014

WORK EXPERIENCE

NTT Data

Senior Software Dev. Consultant, Bangalore, India

Jul 2014 – Dec 2016

- Project: TokioMarine Kiln
- Role: Java Developer(Back-end development), SQL Developer and deputy team lead
 - Developed, maintained, documented and delivered the requested additions and updates to the application stack in a client centric in-house insurance recording product.
 - Updated the application stack and server to JSR-337 SE 8(Java 8) specification for improved invulnerability to malicious attacks.
 - Updated an end-to-end flow in a critical product to reduce turn around time from 9 seconds to 5 seconds
 - Provided technical assistance to the client facing on-shore support team as and when required in the role of stand-in lead for the team.
 - Initiated a value add project to automate the manual work flows accomplished in Excel to an automatic scheduled work flow implemented using Python and Powershell.

National Geophysical Research Institute

Summer Research Intern, Hyderabad, India

May 2013 – Jul 2013

- Advisor : Mr. Kalyan Netti
- Tasks and Accomplishments
 - Installed, configured, executed and documented the behaviour of the Karastuba's algorithm under different configurations on a Nvidia Tesla GPU using CUDA.
 - Improved an existing K-Means algorithm using z-statistic test to recognize outliers in spatial image data.

SKILLS

- **Programming Languages:** Java, Python, Java Script, C, R
- **Web Front-End:** HTML, XML, CSS
- **Mobile:** Android (Marshmallow)
- **Tools:** Matlab, Octave, R studio, Spyder, Eclipse IDE
- **Application Frameworks:** Spring MVC, Hibernate, Google Web Toolkit, JPA
- **Brokers and Services:** MULE, Soap and REST-ful web services
- **Database Tools:** Microsoft SQL server, MySQL Workbench
- **Analytics and Machine Learning Packages:** scikit-learn, seaborn, TensorFlow(Beginner)

PROJECTS

- **A 3-Stage Model to Interpolate Employment Rate** : To interpolate the employment rate across the USA using census data [Team Project] Apr 2017
- **Twitter Sentiment analysis** : A model to mine the opinion from a given set of tweets [Team Project] Apr 2017
- **Multi-Thread Implementation of Three Men Morris in Android Marshmallow** Mar 2017
- **Multi component browsing application in Android Marshmallow** Feb 2017
- **K-Means with improved z-statistic test to detect outliers in spatial satellite images** May 2013