

Shruthi T Ravichandran

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SUMMARY

A dynamic and passionate Information Systems graduate student with 2 years of IT experience in web and application development seeking internship in a challenging environment to refine my knowledge in software development.

EDUCATION

University of Illinois at Chicago, Master of Science in Management Information Systems

Expected Dec 2018

Courses: Data Mining, Enterprise Application development, Data Mining, Web Analytics

Sri Sairam Engineering College, Bachelor of Engineering, Computer Science and Engineering

Aug 2011-Apr 2015

Courses: Web Technologies, JAVA, Database Management Systems, Data Structures, Algorithms

PROFESSIONAL EXPERIENCE

Systems Engineer, Tata Consultancy Services(TCS), India

May 2015-May 2017

- Developed a framework using **HTML, JavaScript, CSS, jQuery &AngularJS** to automate batch testing for payments and transfers saving manual efforts by 70%
- Automated production reports which are run manually as a standalone application into web application using **Java** and created user interface saving manual efforts by 50%
- Performed **Webservices** and **SOAP** message testing for Mobile Wallets
- Served as a point of contact to gather client requirements

SKILLS

- **Languages:** Java, C++
- **Web Technologies:** HTML, CSS, AngularJS, Bootstrap, jQuery, JavaScript
- **DBMS:**SQL, MySQL, IBM DB2, MS Access
- **Data Analysis:** R, Tableau
- **Testing Tools:** SoapUI, IBM Rational Integration Tester
- **IDE:** Eclipse, NetBeans
- **Versioning:** Perforce, SVN
- **Office Tools:** MSOffice

ACADEMIC PROJECTS

Predicting Earning manipulation by Indian firms using machine learning algorithms in R

Oct 2017

- Predicted Manipulations done by each company using different machine learning algorithms and recommended the best model to detect the manipulation using R

Analysis the on-time performance of Southwest airlines

Aug 2017-Oct 2017

- Created dashboard using tableau with various maps and plots and analyzed the on-time performance and reasons of delay

Shopping website using ASP.NET and SQL

July 2017-Aug 2017

- Created a shopping website for purchasing the songs and send the bill in email using ASP.NET and SQL

Search Engine Optimization using Data Mining

Jan 2015-Apr 2015

- Developed a search engine to produce personalized results based on search history and user profile preferences using Natural Language processing and Java

HONORS/AWARDS

- Received **"On the Spot Award"** for Resourcing activities
- Received **"Special Initiative Award"** for completing a Banking Domain Certificate with Honors

ACTIVITIES

- Organized Recreational Events at Ocularis 14, a National Level Technical Symposium conducted by Sri Sairam Engineering College, Chennai.