

EMPLOYMENT

Software Developer, Intern **Decision Pace Inc.** **June 2014 – Present**

- Created various data visualization templates for Decision Pace's on-demand analytics platform using D3js, Google Charts, DataTables. Created dashboard templates using HTML5, JavaScript, CSS3, SVG and Bootstrap.
- Developed and refactored the Decision Pace platform into two distinct web applications, one running on the client machine and one on the cloud server.

Senior Software Engineer **Global Analytics** **August 2010 – August 2013**

- Full Stack Developer involved in the design and development of underwriting engine, user interface and RESTful web services for short-term lending products viz., Lending Stream and Zebit
- Implemented and deployed technology that harnesses the power of advanced analytics, marketing campaigns, multivariate tests and cross-sell campaigns.
- Built a customer classification model to classify customers based on credit history, buying patterns and other merchant specific characteristics.
- Developed a multi functional web application for internal release process control and bug tracking.
- Actively involved in recruitment and technical training of new graduates

Web Development Assistant **UBIT, University at Buffalo** **December 2013 – May 2014**

- Designed and developed a revamped Alerts system and service status dashboard for university's IT division.
- Planned and implemented an improved search box on the UBIT website with categorized search using the Google Search Appliance framework.

TECHNICAL SKILLS

- Python, Java, JavaScript, R, Shell Scripting, PHP, HTML5, CSS3, C#, .NET;
- Django, Flask, Angular JS; jQuery, D3js; Apache Solr, Lucene; XML, JSON; MySQL, Postgres, MongoDB; git, mercurial; Hadoop, Hive, MapReduce; Android Development;
- Visual Studio; Microsoft SQL Server; Eclipse, PyCharm, VIM;

EDUCATION

Buffalo, NY **University at Buffalo, The State University of New York** **February 2015**

- M.S. in Computer and Information Sciences
- Graduate Coursework: Distributed Systems, Database Systems, Machine Learning, Data Intensive Computing, Information Retrieval, Software Engineering Concepts, Data Integration, Analysis of Algorithms

Trichy, India **National Institute of Technology, Tiruchirappalli** **May 2010**

- Bachelor of Technology, Instrumentation and Control Engineering

TECHNICAL EXPERIENCE

Projects

- **SQL Query Engine**, Spring 2014 (SQL, Java)
Implemented a query parser and analyzer that performs with minimal operation costs.
- **Twitter Big Data Analysis**, Spring 2014 (Hadoop, MapReduce, Java)
Analyzed 1.2 million tweets to find trending words, co-occurring hashtags and clustering.
- **Q&A System**, Fall 2013 (Java, Solr, Lucene, Python, JavaScript)
Built a information retrieval system using Apache Solr for easier searching of Wikipedia Infoboxes
- **Group Messenger Android Application**, Spring 2014 (Java, Android)
Built a totally and causally ordered group messenger application using locally persistent key-value storage.
- **Wikipedia Indexer**, Fall 2013 (Java, XML)
Built a parser, tokenizer and indexer for pages with Wikipedia markup.
- **US Cancer Data Visualization**, Spring 2014 (R, Python, NumPy, D3js)
Performed exploratory data analysis and clustering on US Cancer data and created visualizations using D3js.