

EDUCATION

- **State University of New York at Buffalo** Buffalo, NY
Master of Science in Computer Science and Engineering Aug. 2015 – Dec. 2016
- **Guru Gobind Singh Indraprastha University** New Delhi, India
Bachelor of Technology in Computer Science and Engineering Aug. 2010 – July. 2014

EXPERIENCE

- **Intel Corporation** San Jose, CA
Software Engineer II Feb 2017 - Present
 - **Programmable Solutions Tools Developer:** Responsible for developing tools and dashboards for testing, enforcing and projecting the quality of FPGA components using Python, Angular, perl, shell, MongoDB.
 - **Intern Manager:** Working as an Intern Manager for mentoring and creating performance tools with interns.
 - **Emulation Validation:** Worked for enabling emulation tools for the server portfolio and develop features for validation tools using C++ and Python.
 - **Natural Language Processing:** Created an innovative software to predict major customer issues by analyzing Tech Forum data (Natural Language Processing) with sentiment analysis and predicting trend for issues with products. Saved money and effort by predicting and analyzing sentiments and working on issues before the issues are actually filed.
- **Pharos Labs LLC** Boston, MA
Software Engineer/Intern Summer 2016
 - **Medical Diagnostic Tool:** Designed and developed the interactive GUI for the medical diagnostic tool using Java and JavaFX, which enabled dynamic data representation and visualization.
 - **Data Mining and Analysis:** Developed the medical database through data analysis and mining and improving the software based medical diagnostic tools being developed through feature development and testing.
- **University of Buffalo** Buffalo, NY
Teaching Assistant Mar 2016 - May 2016
 - **Machine Learning for MIS Program:** Worked as a Teaching Assistant for Graduate level Machine Learning course for MIS program. Assisted students with projects on language like R, worked with them on course lectures and helped debug coding issues.
- **Accenture** Bangalore, India
Software Engineer Oct 2014 - July 2015
 - **Customer Financial Management:** Responsible for collaborating with Aristos Gemini Customer Financial Management team (ATnT) to solve customer-facing issues. Automated the modification and change requests on the CFM systems by developing shell scripts on UNIX with additional capability to schedule jobs.
 - **Accenture Training Award:** Awarded the Topper of C/C++ Training, in the entire college hire batch of 2015.

PROJECTS

- **Multilingual Search System for Tweets:** Developed a complete Multilingual search engine which retrieves Tweets based upon queries, with focus on ingesting, indexing and searching twitter data in 5 different languages. The data was indexed using IR models. Using Solr Lucene and Java, experimented with various retrieval models, tagged the content with named entities like Wiki links.
- **Reliable UDP Protocol:** B.Tech Major Project on reliable UDP recognized as one of the most innovative projects University wide. Used the benefits of TCP to make UDP a more reliable protocol.
- **Parallel Processing of Big Data using Hadoop Map Reduce:** Parallelizing data processing using Hadoop MR. Design of analysis questions and solutions of University room allocation and course and student enrollment data over the years. Built an analysis and visualization user interface using Tableau.

PROGRAMMING SKILLS

- **Languages:** Python, Java, C++, Angular, Javascript, JavaFx, R
- **Tools and Technologies:** AWS Cloud Practitioner, MySQL, NoSQL, mongo DB, Logstash elasticsearch, SolrLucene, MS Office, Adobe Photoshop, NetBeans, Twitter Bootstrap, WordPress