



OBJECTIVE

Seeking for a full-time position in the field of Computer Science. Additionally, to seek challenging assignments and responsibility, with an opportunity for growth and career advancement.

EDUCATION

Rochester Institute of Technology, Rochester NY

May-2017

- Master of Science, **Computer Science**. GPA: **3.20/4.00**
- Courses: Foundation of Algorithms, Computer Network and Distributed Systems, Foundation of Computer Vision, Intelligent Systems and Security, Data Management, Data Security and Privacy, Cryptography.

Thakur College of Engineering, Mumbai, India.

June 2014

- Bachelor of Engineering, **Computer Engineering**. GPA: **3.40/4.00**

Thakur Polytechnic, Mumbai, India.

June 2011

- Diploma in Engineering, **Computer Technology**. GPA: **3.60/4.00**

TECHNICAL SKILLS

- **Programming Languages:** Java, C++, Matlab, JESS, WEKA
- **Technology Expertise:** Data mining & Machine Learning, Artificial Intelligence, Rules-based models, Genetic algorithm, Distributed and parallel programming with MapReduce/Java, Concurrent programming (Multithreading)
- **Database & Web Development, Visualization:** SQLite, MySQL, HTML5, CSS3, UML, R, Tableau
- **Operating Systems/Software/Tools:** Linux(RedHat/Ubuntu), Windows, Git, GitHub, Eclipse, vi, vim, WordPress, Visual Studio, JIRA

PROFESSIONAL EXPERIENCE

MIAC Analytics: *Software Development Intern*

Aug 2016 – Jan 2017

- Updated the additional features such as buy up, buy down value, spread in loan calculation software (MarketShield 4.0) in **C++ and C#**. Responsible for updating the code changes through **GIT** and worked with **JIRA** and **BitBucket**.
- Debugging and fixing the loan calculation software project to fix minor GUI errors, connectivity with the database errors, and dimensionality issues. Created software that notifies recent file uploads by the clients to the server and integrates with **SQL server** to populate the file's values in the database.

Perinton Publishing: *Software Development Intern*

June 2016 – Aug 2016

- Developed and tested a **software tool in Java** that displays a human-readable version of binary data for the mailing service.
- Developed a software in **Java** that automates the process of sending email status to the customers regarding their mailing projects.
- Created a web portal using **WordPress** for customers wanting to retrieve data on their projects. (mailtracker.us) Additionally, **automated the file transfer process** to the portal.

PROJECTS

- **Secure Payment Gateway:** Implemented a three-tier architecture to secure e-commerce payment by considering major factors like confidentiality, integrity, availability, logging, and security policies. Moreover, encrypting the customers card details while transferring as well as storage using RSA algorithm. **Technology:** Oracle database server, Java NetBeans, JDBC driver.
- **Hand Gesture Recognition:** Developed an application that recognizes hand gestures in real time and compares it with the database to recognize the American sign language (ASL) alphabets. **Technology:** MATLAB
- **Security Evaluation Expert System:** Development of an Expert System that evaluates the security of the overall system and validates it against set of rules using JESS. It provides an overall ranking to the system by checking security related parameters that can be vulnerable to an attack. **Technology:** Java, JESS, WEKA
- **Distributed Web Crawlers:** Developed a distributed web crawler, which enables multiple crawlers to crawl simultaneously on multiple webpages for web indexing along with Distributed Hash table. **Technology:** Java
- **Frequent Pattern (FP) tree:** Developed an FP-Tree algorithm for efficient data handling and finding frequent patterns for knowledge discovery and business intelligence. **Technology:** Java
- **Speech-based Web Browser:** Developed a web application, which uses Text to Speech (TTS) Engine for web accessibility to visually impaired **Technology:** C++, XHTML, CSS, SQL.

TECHNICAL RESEARCH PAPER

- Published a technical paper on “**Emerging trends in mobile technology**” in **International Journal of Computer Applications** (0975 – 8887, Volume: 2 No.3, 2013).
- Published a technical paper on “**Data warehousing and Mining**” in **International Journal of Data warehousing and Mining** (2011).

EXTRA-CURRICULAR ACTIVITIES

- **Teaching Assistant** for Data Cleaning and preparation(CSCI-721).
- Secretary of student council: leadership skills (2012-13)
- Council member of the student body of **IEEE and National Social Service(NSS)** unit.