

HACK A. THON

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EDUCATION

Master of Science: Computer Science, Texas A&M University – Corpus Christi (TAMUCC) May 20xx
Bachelor of Engineering: Electronics & Telecommunication, University of Pune, India August 20xx

SKILLS & TOOLS

Languages: Java, Python, R, Visual Basic
Data Management & Analytics: MSSQL, SQLite, NoSQL (Pouch/Couch)
Web Development: HTML, CSS, JavaScript
Tools: Eclipse, Jupyter, Visual Studio, Android Studio

RELEVANT PROJECTS

Alignment-Free Sequence Analysis using Deep Learning: Python, Pytorch, Jupyter Sept-Dec 20xx

- Employ a CNN based model for sequencing analysis using an alignment free approach to reduce computation time complexity, performing various experiments to tune parameters and optimize model

Big Data Analytics using Hadoop and Spark: Java, Hadoop, HDFS, Spark June-Aug 20xx

- Derived N-gram word co-occurrences along with lemmatization from a large-scale Latin text data utilizing MapReduce and Spark

Multilingual Search System for Twitter: Java, Apache SOLR, AWS (EC2, S3), Bootstrap Jan-May 20xx

- Engineered search system incorporating data from Twitter REST API and indexes it in SOLR to provide relevant results for queries
- Built a custom Dismax Parser plugin which translates query in other languages and boosts appropriately

Android Grp Messenger w/Simple Amazon Dynamo: Java, Android Studio, Distributed Systems Jan-May 20xx

- Built a Group Messenger to handle concurrent message ordering, routing in P2P network with Distributed Hash Table and fault tolerance via Dynamo-style key-value storage

Analysis of World Bank Data: R, Tableau Sept-Dec 20xx

- Cleaned, munged, and applied machine learning algorithms to classify and visualize results in a Tableau dashboard

PROFESSIONAL EXPERIENCE

IT Help Desk Assistant, IT Department, TAMUCC, Corpus Christi, TX Nov 20xx–May 20xx

- Supported 250+ callers/week re: issues with soft/hardware (MS Office, Blackboard, passwords, etc.)
- Assisted with implementation of technology upgrades and system maintenance tasks

Software Engineering Intern, 43North Organization, Buffalo, NY June 20xx–Aug 20xx

- Developed first mobile application prototype to minimize time required by HVAC contractors to conduct inspection
- Re-factored 40% of a cross-platform mobile application employing MVC framework (Vue.js) and NoSQL database (Pouch/Couch)

Software Test Analyst, Infosys India Pvt. Ltd., India Aug 20xx–June 20xx

- Completed numerous assignments for US-based insurance company: 15 applications and 45 projects
- Supervised execution of 10 projects, giving daily progress reports to higher management and clients
- Prepared test plans, executed end-to-end functional testing, and delivered defect free projects
- Analyzed data from OLTP and OLAP data warehouses using MSSQL and Microstrategy Reporting Tool
- Mentored new team members via knowledge transfer sessions and regular feedback meetings

LEADERSHIP & ACTIVITIES

President, Women In Computer Science (WICS), TAMUCC Sept 20xx-May 20xx
Volunteer, Office of Admissions, TAMUCC Jan 20xx–May 20xx
Membership Lead, IEEE Student Chapter, University of Pune Aug 20xx–June 20xx