ARUN GOPAL GOVINDASWAMY

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Portfolio: https://cheeku18.github.io/   LinkedIn: linkedin.com/in/cheeku18/

SKILLSET

Skills - Statistical Analysis, Machine Learning. Data Engineering, Big Data Framework, Data Visualization

Programming - R, Python, SQL, SQLite, Hive, Java, Pig, Groovy, Shell

Tools - Jenkins, UDeploy, Kibana, ElasticSearch, SAS , Oracle, Tableau, Hadoop, Spark, AWS

Certification - Business Analytics Using R, Certified Data Scientist Using R, Machine Learning 202, Analytics with R

PROFESSIONAL EXPERIENCE

Medical Informatics Laboratory, *DePaul University*   **Mar 2019—Present**
Volunteer Research

- The research laboratory primarily focuses on medical imaging, image processing, computer vision, machine learning, data mining and knowledge discovery for healthcare, medicine, and biology related applications.
- Working on projects related to medical diagnosis leveraging data science concepts, image processing and analysis.

Cognizant Technologies, *Chennai, India*   **Dec 2017—Feb 2019**
DevOps Engineer

- Built and maintained automated Continuous Integration and Continuous Delivery pipelines by leveraging the CI/CD tools.
- Collaborated with application development team, infrastructure and application support team for application and environment related information.
- Automated scripts and tasks to meet deployment, client and cross-platform user needs.
- Worked closely with software development and testing teams to troubleshoot the issues related to CI/CD pipelines, configuration and deployment issues.
- Built tools and processes to improve build and release management activities and to improve team productivity.

SITEL India Ltd, *Chennai, India*   **Aug 2017—Dec 2017**
Customer Service Provider

- Used company troubleshooting resolution tree to evaluate technical problems while leveraging personal expertise to find solutions.
- Provided basic technical support for customers on a wide range of client products.
- Promoted superior experience by addressing customer concerns, demonstrating empathy and resolving problems swiftly.
- Facilitated inter-departmental communication to effectively provide customer support.

EDUCATION

Master of Science in Data Science (2020), *DePaul University*, CGPA: 4.0/4.0.
Bachelor of Technology in Computer Science and Engineering (2017), *BS Abdur Rahman University*, CGPA: 3.44/4.0.

PROJECTS

Tracking movement features in Caenorhabditis elegans   **Mar 2019—Present**

- Ongoing research to identify genes that modulate food related behaviors in nematodes by quantifying behavioral difference in mutant strains.
- Working on tracking nematodes over long periods of time, as well as algorithms for extracting and analyzing information from the observational data to empirically quantify nematode behavior.

Speech Emotion Recognition using Tamil Language   **Jan 2017 – May 2017**

- Built a machine learning model that could recognize the emotional state of the speaker which can be used in psychological analysis and business development.
- The machine could recognize five emotions namely happy, sad, angry, fear and neutral and achieved an accuracy of 82.4%.

LEADERSHIP AND COMMUNITY ACTIVITIES

Joint Secretary   **July 2015—May 2017**

- Played a vital role as channel between students and the faculty, mentored fellow and junior students with curricular and co-curricular activities, organized several technical, non-technical and cultural events. Motivated and lead a team of other students and volunteers.
- Fostered an environment of growth, leadership, learning and support within the department

Vice-Captain   **July 2014 – May 2017**

- Represented and Vice-Captained the University's Cricket Team to various National level and Inter-University level championships and won many accolades. Coached and mentored junior players on various occasions.

Cognizant Outreach   **Dec 2017 – Feb 2019**
Chennai Trekking Club   **Jan 2016 – Mar 2019**
Crescent Blood Donor   **Aug 2015 – May 2017**