ARUN GOPAL GOVINDASWAMY

Phone: +1-312(927)-6076
Email: aarunkarthii@gmail.com
Portfolio: https://cheeku18.github.io/
LinkedIn: linkedin.com/in/cheeku18

EDUCATION

MS in Data Science (2020)
DePaul University
CGPA: 4.0

Computer Science Engineering
BS Abdur Rahman University
CGPA: 3.44

SKILLS

- Model Building
- Machine Learning
- Data Engineering
- Big Data Frameworks
- Data Visualization
- Exploratory Data Analysis
- Decision Analysis
- Distributed Computing
- Image Processing

TOOLS

•Oracle •Jenkins •UDeploy
•Tableau •Hadoop •ElasticSearch
•AWS •Hive •MapReduce
•Pig •SAS •Kibana

PROGRAMMING

•Python •R •SQL •SQLite •JAVA
•Groovy •Shell •MapReduce

CERTIFICATIONS

•Business Analytics Using R
•Certified Data Scientist Using R
•Machine Learning 202
•Analytics with R
•EDA with R

CARRER INTERESTS

•FinTech •BlockChain Technology
•Trading •Computer Vision
•Research •Image Processing
•DeepLearning •AlgortihmTrading

PROFESSIONAL EXPERIENCE

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

- Working on identification of Gene Function Using Image Analytics.
- Working to identify genes that modulate food related behaviors in nematodes by quantifying behavioral difference in mutant strains.
- Working on developing methods for recording and 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.

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 also 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 appropriate solutions.
- Provided basic technical support for clients on a wide range of client products.
- Promoted superior experience by addressing customer concerns, demonstrating empathy and resolving problems swiftly.
- Effectively communicated with customers about account changes, new products or services, and potential upgrades.
- Assessed caller accounts to determine benefits, identify service needs and resolve issues.
- Facilitated inter-departmental communication to effectively provide customer support.

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.
- The model was built using the applications of Hidden Markov Model. Achieved an accuracy of 82.4%.

LEADERSHIP AND EXTRA CURRICULAR 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.