Md Sharique Eliyas

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CAREER OBJECTIVE

To be a part of Organization that provides an atmosphere of mutual growth and benefits, where I can show my talent and potential

ACADEMIC PROFILE

Examination	Institute	Year	CPI/%
Dual Degree (Bachelor & Master of Technology)	Department of Computer Science & Engineering Indian Institute of Technology(ISM) Dhanbad	2014 - 2019	8.75/10
Intermediate(+2)	Bihar State Examination Board(BSEB)	2013	76.6
Matriculation	Bihar State Examination Board(BSEB)	2011	78.4

FIELDS OF INTEREST

- Algorithm,Data Structure, Machine Learning, Web Development

TECHNICAL SKILLS

- **Programming Languages :-** C, C++, Python 3, Familiar with Java 8

- **Database :-** MySQL

- **Platform :-** Windows 8,8.1,10, Linux (Ubuntu)

- **Machine Learning :-** Numpy, Anaconda, Jupyter Notebook, Pandas, Matplotlib

- **Web App Development :-** HTML5, CSS,JavaScript, Codeigniter, Bootstrap, Angular 5, Flask

- **Tools :-** Matlab,Eclipse, MS Office, Latex, Sublime Text, Adobe Photoshop CS6

WORK EXPERIENCE

- **AVM Labs Intern, Cognizant Technology Solutions, Chennai** (2 Months)7^{th}May'18 - 6^{th}July'18

  - Successfully completed the project titled "Application Health Analyzer (With Code analyzer and industry Trend)" Under the guidance of Shankar Jha, Director-AVM, Cognizant. [Link To Certificate]
  - Developed ML/NLP Bot which gives trends analysis, expected score, prescriptive summary of applications using scores generated from static code analysis tools i.e. SonarQube, CAST and application descriptions.
  - Came up with scalable and fast algorithm to determine application Health i.e. GO/NO GO
  - Developed Restful API for analysis results using flask_restful
  - Developed UI portal using Angular 5.

- **Management Information System Intern, IIT(ISM), Dhanbad** (2 Months) May2017-July2017

  - Development of Reliable,Less Vulnerable, Risk Free and Clean code for **Student/Employee Password Administration Module**.
  - Understanding the concept of MVC (Model,View,Control) in CodeIgniter.
  - Development of Model,View, Control code for given module.

- Adding features for special cases like no. of times password can be change, and storing IP address during password change.

KEY ACADEMIC PROJECTS

- **Exchange Rates Forecasting** (Mentor : Prof. P. K. Jana, Dept. of Computer Science & Engg.)
  - Exchange rates forecasting using Radial Basis Function Neural Network.
  - Improvement in accuracy by ensembling RBF in multistages.
  - Github Link : https://github.com/shaeli1996

- **Store Sales Forecasting** (Mentor : Prof. P. K. Jana, Dept. of Computer Science & Engg.)
  - Problem Statement and Data Set from https://www.kaggle.com/c/walmart-recruiting-store-sales-forecasting
  - Use of Statistical model like Auto Regressive Integrated Moving Average Model for Time Series Analysis
  - Comparison of results from linear regression, KNN regression, Neural Network, LSTM model.
  - Bagging of different models to get best accuracy.
  - Github Link : https://github.com/shaeli1996/Store-Sales-Forecasting

- **Collaborative Mobile Charging for Sensor Networks** (Mentor:Prof. P. K. Jana, Dept. of Computer Science & Engg.)
  - To determine the path through which mobile charging vehicle will move to assure that every sensor does not run out of energy.
  - Implementation using Travelling Sales Man problem algorithm.
  - Improving it for mobile charging along with Data collection from sensors.
  - Github Link : https://github.com/shaeli1996

- **Java GUI project**(Mentor : Prof. P. K. Jana, Dept. of Computer Science & Engg.)
  - Graphical representation of basic problems like Magic Square, Convex Polygon, Shortest path between two nodes in binary tree etc. using Java GUI and applet.
  - Github Link : https://github.com/shaeli1996

SCHOLASTIC ACHIEVEMENTS & CERTIFICATIONS

- Amongst the top 1% in JEE Advance 2014 exam with **CML AIR-5932**

- Became in top 0.1% of Higher Secondary Board Exams among all candidates.

- Secured **All India Rank of 2129** in GATE-CS 2018 out of 1 lakh applicants.

- Ranked **CML AIR 7996** in JEE Main 2014 out of 12 lakh aspirants approximately.

- Ranked 48th in Bihar Combined Entrance Competitive Examination 2014 (BCECE).

- Achieved "B" certificate in National Cadet Corps (N.C.C).

- Certification in **Machine Learning by Andrew Ng** course by Coursera.

COMPETITIVE CODING SKILLS

- Solved more than 138 problems on Codechef. (https://www.codechef.com/users/shaeli).

- Won 1 Gold 9 Silver and 6 Bronze medals on HackerRank.(https://www.hackerrank.com/shaeli).

- Solved 156 questions on SPOJ with world rank of 4685(7.8 points) (http://www.spoj.com/users/mdsharique/).

- Codeforces rating : expert,1615 with World Rank under 3000.

- Secured 3rd rank in CodersBit organized by InterviewBit.[Link]

- Actively solves various Machine Learning problems on Kaggle.(https://www.kaggle.com/shaeli)

- Secured 32nd rank world wide out of 6200 coders in October Circuit'17 on HackerEarth.(https://www.hackerearth.com/challenge/competitive/october-circuits-17/leaderboard/)

- Received $5Reward$ in SRM 724 on topcoder. https://www.topcoder.com/members/mdshariqueeliya/

- Secured 25th rank in CodeMarathon , an annual coding contest organised by CSE Society, IIT(ISM) Dhanbad.

EXTRA CURRICULAR ACTIVITIES

- Co-coordinator of Web & Design Team Hackfest'18,An annual Hackfest of IIT(ISM), Dhanbad.

- Dedicated member of KARTAVYA, an NGO that promotes education of the slum children, involved in its academic team as a class teacher.

- Designed and coded my own Homepage. Link : https://shaeli1996.github.io

- Served Nation as Battalion in Nation Cadet Corps for 2 Years.

INTEREST AND HOBBIES

- Competitive Coding, Web surfing

- Cycling,Swimming