

# Md Sharique Eliyas

4th year UG (Dual Degree) student, Department of Computer Science & Engg.

Indian Institute of Technology (ISM) Dhanbad

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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	8.72/10
Intermediate(+2)	Bihar State Examination Board(BSEB)	2013	76.6
Matricualtion	Bihar State Examination Board(BSEB)	2011	78.4

## FIELDS OF INTEREST

- Algorithm, Data Structure, Machine Learning, Web Development

## TECHNICAL SKILLS

- **Programming Languages :-** C, C++ Familiar with Python, Java
- **Database :-** MySQL
- **Platform :-** Windows 8, 8.1, 10, Linux (ubuntu)
- **Machine Learning :-** Numpy, Anaconda, Jupyter Notebook, Pandas
- **Web App Development :-** HTML5, XML, CSS, CSS3, PHP, JavaScript, Codeigniter, Bootstrap
- **Tools :-** Matlab, Eclipse, MS Office, Latex, Sublime Text, Adobe Photoshop CS6

## 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 Charing 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 chargin along with Data collection from sensors.
  - Github Link : <https://github.com/shaeli1996>
- **Student/Employee Password Administration Module for MIS** (Mentor : Dr. Chiranjeev Kumar, Dept. of Computer Science & Engg.)
  - 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.
  - 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.
- Ranked **CML AIR 7996** in JEE Main 2014 out of 12 lakh aspirants approximately.
- Ranked 48<sup>th</sup> 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 114 questions on Codechef. (<https://www.codechef.com/users/shaeli>).
- Won 5 Silver and 6 Bronze medals on HackerRank.(<https://www.hackerrank.com/shaeli>).
- Solved 153 questions on SPOJ with world rank of 3343(8.3 points) (<http://www.spoj.com/users/mdsharique/>).
- Actively solves various Machine Learning problems on Kaggle.(<https://www.kaggle.com/shaeli>)
- Secured 32<sup>nd</sup> rank world wide out of 6200 coders in October Circuit'17 on HackerEarth.(<https://www.hackerearth.com/challenge/competitive/october-circuits-17/leaderboard/>)
- Received \$5*Reward* in SRM 724 on topcoder. <https://www.topcoder.com/members/mdshariqueeliya/>
- Secured 25<sup>th</sup> rank in CodeMarathon , an annual coding contest organised by CSE Society, IIT(ISM) Dhanbad.

## EXTRA CURRICULAR ACTIVITIES

- Co-ordinator 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 Batallion in Nation Cadet Corps for 2 Years.

## INTEREST AND HOBBIES

- Competitive Coding, Web surfing
- Cycling,Swimming