# Seeni Mohamed

Chengalpet

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## Education

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| **Thiagarajar College of Engineering** | Madurai, India |
| *Bachelor of Technology, Computer Science and Engineering (CGPA: 9.58)* | *2010 - 2014* |
| **Nadar Higher Secondary School** | Madurai, India |
| *TamilNadu Higher Seconday School Examination (Score: 92.41%)* | *2010* |
| **Nadar Higher Secondary School** | Madurai, India |
| *TamilNadu Seconday School Examination (Score: 95.2%)* | *2010* |

## Programming Skills

*Machine Learning Frameworks:* Apache Spark, Apache Mahout, PyTorch

*Languages:* Java, Python, C, JavaScript, HTML

*Databases:* MySQL, SqlLite3

*Web Development Frameworks:* Python Flask, J2EE, jQuery, Twitter Bootstrap

*Operating Systems:* Unix (mainly MacOS, Ubuntu)

*Version Control Systems:* Git, Mercurial

## Interests

- Machine Learning Systems
- Natural Language Processing
- General purpose programming
- Scripting
- Information Systems

## Work Experience

**Zoho Corporation** — Chennai, India
*Member Technician Staff, ZLabs Machine Learning* — *Aug 2015 - Present*

- Working on various NLP applications using Machine Learning Techniques that will be used by other product teams
- Developed various use cases for a different team that has mentioned below,
    * *Clustering:* Find abnormal activities in response time, resolution time in the network
    * *Classification:* Sentiment analysis, Email Zone classifier, Noise removal classifier, Approval prediction, Reopen probability prediction
    * *Recommendation:* Technical agent prediction
    * *NLP Tasks:* Automatic keyword extraction (RAKE), Text Summarization using Text Ranking
    * *Text Processing:* Auto tagging using Topic Modeling (LDA)
    * *Dev Ops:* Time invested in Apache spark UDF parallelism, JCL - dynamic jar class loader, DFS - data file system written on top of Hadoop
- All the works are written in core Java and used *Apache Spark (MLLib) - a machine learning framework* as a primary framework

**Zoho Corporation** — Chennai, India
*Member Technician Staff, Firewall Analyzer OnPremise* — *April 2014 - July 2015*

- Developed a core feature called Policy Optimization that is used to detect and report all the anomalies available in firewall policies

- Developed another feature called Rule Reorder that is used to suggest the order in such a way firewall performs well
- *Both the core features wrote from the scratch in core Java in firewall analyzer - a firewall management tool.*

**Zoho Corporation**                                                            Chennai, India
*Project Intern, Firewall Analyzer OnPremise*                          *Oct 2013 - March 2014*
- As a research work validated various firewall policy optimization techniques and came up with the best working solution
- *This proof of concept is written with core Java*

## Projects

**TCE Enterprise Asset Management (TEAM)**
- *TCE Enterprise Asset Management (TEAM)*, is an Intranet portal for our college managing the asset details such as financial details, purchase details, payment details and etc.
- We are a group of four people developed this portal in python from scratch.
- We have saved *2 lakhs* for our college by this project

**Implementation of client-side encryption in Cloud Environment**
- This project focuses on implementing the client-side encryption which is Homomorphic encryption for better client side confidentiality in private cloud computing environment.
- *This project was written in Java.*

## Achievements/Activities
- Got Gold Medal from Madurai District collector for getting score 95.2% in SSLC.
- Published a paper in 3rd International Conference on SEMCCO 2012 on the topic of Memetic Algorithm Based Task Scheduling Local Search in Odisha.
- Currently trying to be active on various Kaggle competitions

(Last updated on 17/12/2018)