# Mandar Chandorkar

mandar2812@gmail.com
mandar2812.github.io

Artificial Intelligence, Applied Mathematics, Machine Learning Software

## EXPERIENCE

### **Centrum Wiskunde Informatica,** Amsterdam — *PhD Researcher*

September 2015 - PRESENT

Applying machine learning techniques to problems of inference, forecasting and causality in Space and Planetary Physics.

### **Venturesity,** Bangalore — *VP, Course Operations*

January 2014 - May 2014

Designed the syllabus and assessment of the courses offered in Big Data Analytics and Hadoop/MapReduce.

### **Perk.com,** Bangalore — *Software Engineer, Backend & Data Processing*

September 2012 - January 2014

In charge of development of back-end software, using *Mapreduce*, SQL and scripting capabilities to generate reports/visualizations for admin screens of incubated products.

## EDUCATION

### **KU Leuven,** Leuven, Belgium — *M.S. Artificial Intelligence*

September 2014 - September 2015

**Machine Learning**: *Neural Networks & Deep Learning*, *Support Vector Machines*, *Probabilistic Forecasting*. **Computer Vision:** *Image Segmentation*, **Logic Programming**, **Information Retrieval**.

### **IIT Kharagpur,** Kharagpur, India — *M.Tech & B.Tech, Manufacturing Science*

July 2007 - May 2012

Operations Research, Dynamics, Systems and Control, Manufacturing Processes.

## PUBLICATIONS

Probabilistic forecasting of the disturbance storm time index: An autoregressive Gaussian process approach — *Space Weather 2017*

Fixed-Size Least Squares Support Vector Machines: Scala Implementation for Large Scale Classification — *IEEE CIBD 2015*

## CERTIFICATIONS

**Coursera**:

*Introduction to Recommender Systems*:
Prof. Joseph Konstan, University of Minnesota, Twin Cities. [verified certificate]

*Computing for Data Analysis*:
Prof. Roger Peng, Johns Hopkins Bloomberg School of Public Health.

## OPEN SOURCE

**DynaML**
A software environment for Machine Learning Research & Applications

**PlasmaML**
Machine Learning tools for Space Weather and Plasma Physics

## PROGRAMMING

**Prior experience**: Scala, Java, Python, R, PHP, Javascript.

**Basic**: Prolog, Ruby, C, C++