Mathematics, Computer Science,

Machine Learning, and Related Disciplines

=> The Educate. The path of the well educated Software Engineer.

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# Overview

# Mathematics

# Computer Science

# Machine Learning

## Machine Learning Frameworks, APIs, Libs

* NumPy
* SymPy
* Pandas
* TensorFlow
* PyTorch
* LangChain

### NumPy

### SymPy

### Pandas

### TensorFlow

### PyTorch

### LangChain

# Data Systems

## Data Storage (Relational/SQL)

## Data Storage (NoSQL/BigData)

## Data Search

* Lucene
* Solr
* Kafka
* Spark
* ElasticSearch

## Data Storage and Search for ML (Vector Databases)