Things to Accomplish by the End of June 2019

**R Fundamentals**

Course Creation at DataCamp

Introduction to Machine Learning

Supervised Learning in R: Classification

Cluster Analysis in R

Machine Learning Toolbox

**Teaching Gigs**

Create DataCamp course

Research course for NCE

**Portfolio Management**

Develop portfolio management algorithm - storyboard

Test portfolio management algorithm

Pitch portfolio management algorithm

Machine Learning – DataCamp Syllabus

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| --- | --- | --- | --- |
| Course | Hours | Experience | Status |
| Introduction to Machine Learning | 6 | 6,500 | June 2019 |
| Supervised Learning in R: Classification | 4 | 3,950 | June 2019 |
| Cluster Analysis in R | 4 | 3,800 | June 2019 |
| Topic Modeling in R | 4 | 3,950 |  |
| Machine Learning Toolbox | 4 | 6,200 | June 2019 |
| Unsupervised Learning in R | 4 | 3,600 |  |
| Machine Learning with Tree-Based Models in R | 4 | 4,450 |  |
| Supervised Learning in R: Regression | 4 | 5,300 |  |
| Fraud Detection in R | 4 | 3,900 |  |
| Dimensionality Reduction in R | 4 | 3,450 | June 2019 |
| Feature Engineering in R | 4 | 3,500 |  |
| Support Vector Machines in R | 4 | 3,950 |  |
| Modeling with Data in the Tidyverse | 4 | 3,900 |  |
| Hyperparameter Tuning in R | 4 | 3,500 |  |
| Machine Learning in the Tidyverse | 5 | 4,300 |  |
| Supervised Learning in R: Case Studies | 4 | 4,400 |  |
| Advanced Dimensionality Reduction in R | 4 | 4,300 |  |