2018 SpeedStudy [1]

P1xt

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[1]An adventure to explore how much of MITOCW's (Computer Science, Physics and Mathematics) Curriculum I can thoroughly learn in a year.

Abstract

I'm tackling my 2018 learning goals in true "Speedrun" style. The following list contains far more than I expect I'll be able to complete in 2018, so it's sufficient that I can speedrun the year without running out of items from the list to learn.

My dual main goals are to A) study algorithms in depth and B) explore Physics. To that end, I am including a variety of Computer Science, Mathematics and Physics courses, with no prescribed order. I'll just select the next course in whatever list I'm most inspired to continue each time I'm ready to progress to a new course.

Additionally, I'm including a variety of "bonus point" opportunities for reading books, completing projects, and completing algorithmic challenges.

My goal is to see how many points I can rack up by December 31, 2018.

Current Course: 18.01
Total Points: 0

Activity	Points
Basic Project	100
Substantial Project	200
Large Project	300
Gigantic Project	400
Duolingo (1 level)	100
Book	200
Tutorial site (Udemy/Pluralsight/Egghead/Treehouse/etc) course	100
University level course (Coursera/edX/MITOCW/etc)	500
Physical Activity (30 minutes)	10
Analytics Vidhya Competition	50
Crowd Analytix Competition	50
Kaggle Competition	50
Driven Data Competition	50
Blog Post on any topic	15
Blog Post Tutorial	40
Video Tutorial	50
Open Source PR	50
Module to npm	200
Team Up for a project	100
CodeWars (10 problems)	50
CodinGame (1 Tier)	100
CodinGame (1 Bot Competition)	20
HackerRank (10 problems)	50
Google Code Jam (1 round from past contest)	100

Contents

Course: 18.01

Notes