Taisuke Yasuda

Curriculum Vitae

taisukey@andrew.cmu.edu • https://taisukeyasuda.github.io

Updated April 22, 2019

Experience

Aug 2019 – Present **Quantitative Trader**, Akuna Capital

Education

Aug 2017 – May 2019 **Carnegie Mellon University: M.S. in Mathematical Sciences**
Advisor: Ian Tice
Thesis: *Asymptotic Stability of the Faraday Wave Problem*

Aug 2015 – May 2019 **Carnegie Mellon University: B.S. in Mathematical Sciences**
Additional Major in Computer Science
GPA: 3.82/4.00

Research

The Query Complexity of Mastermind with ℓ_p Distances
Manuel Fernández V, David P. Woodruff, **Taisuke Yasuda**
(in submission)

Tight Kernel Query Complexity of Kernel Ridge Regression and Kernel k-means Clustering
Manuel Fernández V, David P. Woodruff, **Taisuke Yasuda**
ICML 2019 (to appear)

Selected Coursework

Computer Science (graduate level): Coding Theory, Advanced Algorithms, Machine Learning on Large Datasets, Algorithms for Big Data, A Theorist's Toolkit

Mathematics (graduate level): Advanced Real Analysis, Probability with Martingales, Measure Theory, Discrete Mathematics, Classical Partial Differential Equations, Complex Analysis

Teaching

Spring 2019	Algorithms (15-451)	TA
Spring 2019	Concepts of Mathematics (21-127)	TA
Fall 2018	Linear Algebra (21-241)	TA
Spring 2018	Principles of Real Analysis II (21-356)	grader
Fall 2016	Putnam Seminar (21-295)	grader

Talks and Presentations

Jul 2018 *How it's made: lower bounds for randomized algorithms* CMU Summer Math Seminar

Honors and Awards

Mar 2018	Top 207	Putnam Mathematical Competition
Mar 2017	Top 500	Putnam Mathematical Competition
Feb 2017		Undergraduate Research Fellowship in Computational Neuroscience
Feb 2016	Top 3	TartanHacks 2016
Feb 2016	Winner	All University Orchestra Concerto Competition
May 2015		Carnegie Scholarship
Mar 2015	2nd place	Pathfinder Scholarship in Mathematics