Tyler Chen

chentyl@uw.edu tyler@chen.pw http://chen.pw	University of Washington Lewis Hall, Box 353925 Seattle WA, 98195
Education	
University of Washington	September 2017 - Present
University of Washington	eptember 2017 - December 2018
Tufts University	
Research	
University of Washington (under Anne Greenbaum)	
Soft Matter Theory (under Tim Atherton, Chris Burke)	
Research in Industrial Projects for Students Hong Kong Design and implement a short range underwater acoustic communication company ePropulsion	
Teaching	
TA, Probability And Statistics For Computational Finance (UW CFRM 42 TA, Calculus with Analytic Geometry I (UW MATH 124) TA, Calculus with Analytic Geometry II (UW MATH 12) TA, Calculus with Analytic Geometry II (UW MATH 125) Lab TA, Electronics (Tufts PHY 41) Lab TA, Electronics (Tufts PHY 41) Grader, Discrete Mathematics (Tufts MATH 61) Grader, Calculus III (Tufts MATH 42) Grader, Calculus III (Tufts MATH 42)	
Graduate Coursework	
Design and Analysis of Algorithms (UW CSE 521)	

Applied Linear Algebra and Introductory Numerical Analysis (UW AMATH 584)	Autumn 2017
Applied Complex Analysis (UW AMATH 567)	Autumn 2017
Introduction to Probability and Random Processes (UW AMATH 561)	Autumn 2017
Algebra 2 (Tufts MATH 216)	Spring 2017
Algebra 1 (Tufts MATH 215)	Fall 2016

Relevant Skills

Programming Languages, Packages, and Software

- Proficient: Linux, python, scipy/numpy/matplotlib, Mathematica, LaTeX, TikZ/pgfplot, MATLAB, HTML/CSS/Javascript,
- Developing: tensorflow, theano, keras, CUDA, C, C++, sympy, git, slurm, Powershell, Tasker

Other Skills

I can ride a bike

Awards & Honors

Top Scholar Fellowship (uw)	Fall 2017
The Audrey Butvay Gruss Science Award (Tufts)	April 2017
Phi Beta Kappa (Tufts)	April 2017
Sigma Pi Sigma Physics Honors Society (Tufts)	May 2016
The Howard Sample Prize Scholarship in Physics (Tufts)	April 2015
Dean's List (Tufts)	All Semesters

Professional