

Jeffrey Cheng

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Education	Vanderbilt University 2018 – Present GPA 4.0 Major Mathematics. Interest in probability/statistics & algebra Minor Computer Science
Curriculum	Intro to Probability & Mathematical Statistics <ul style="list-style-type: none">- Used R to study various datasets- Final Project: Racial/Economic Differences in Police Killings by County Linear Algebra Multivariable Calculus Intro to Programming (java, git, small programs)
Self Directed Projects	Statistical Analysis <ul style="list-style-type: none">- Used R to analyze various datasets- Linear/multivariate regression & supervised/unsupervised learning algorithms Monte Carlo Simulation <ul style="list-style-type: none">- Created Monte Carlo Simulations to derive statistical probabilities for problems:- Monty Hall Problem- 100 Seats on an Airplane Problem
Work Experience	True Martial Arts 2017 - Present Head Instructor <ul style="list-style-type: none">- Led classes of 30+ students and multiple other instructors- Taught martial arts classes to students with learning disabilities
Volunteer Experience	Vanderbilt Circle K International 2018 - Present Publicity Chair <ul style="list-style-type: none">- Volunteered at food banks and various service events in Nashville- Created digital media promoting club and maintained social media Vanderbilt Student Volunteers for Science 2018 - Present Teacher <ul style="list-style-type: none">- Taught science lessons to middle/high school students in Nashville
Activities	Pokémon Trading Card Game Teen Years <ul style="list-style-type: none">- Competitive Card Game Player- Internationally ranked. Placed 2nd and 6th at World Championships Taekwondo 2008 - Present <ul style="list-style-type: none">- 2nd Degree Black Belt earned over 8 years- Directed/choreographed Vanderbilt martial arts performances