# 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
- Used R to study various datasets
- Final Project: Racial/Economic Differences in Police Killings by County

Linear Algebra
Multivariable Calculus
Into to Programming (java, git, small programs)

**Self Directed**   **Statistical Analysis**                                                          2019 Summer
- Used R to analyze various datasets including:
- Math & Portugese scores in High School Students

**Monte Carlo Simulation**
- Created Monte Carlo Simulation for problems including:
- Monty Hall Problem
- 100 Seats on an Airplane Problem

**Work Experience**   **True Martial Arts**                                                          2017 - Present
Head Instructor
- Teach martial arts classes to all ranks and ages
- Teach martial arts classes to students with learning disabilities

**Volunteer Experience**   **Vanderbilt Circle K International**                              2018 - Present
- Volunteer at food banks and various service events in Nashville

**Activities**   **Pokemon Trading Card Game**                                          Teen Years
- Competitive Card Game Player
- Internationally ranked. Placed $2^{nd}$ and $6^{th}$ at World Championships

**Taekwondo**                                                                                    2008 - Present
- $2^{nd}$ Degree Black Belt earned over 8 years
- Direct/choreograph Vanderbilt martial arts performances