Evan Tao

(929) 519-3390 · evantao96@gmail.com · Portfolio · LinkedIn · Github

Education

University of Pennsylvania   Philadelphia, PA
Bachelor of Science in Computer Science   Sep 2014 - Jun 2018
GPA 3.44 · Dean's List 2015-2016

Stuyvesant High School   New York, NY
                                                                 Sep 2010 - Jun 2014

Work

New York City Department of Education   New York, NY
Lead Computer Science Teacher   Sep 2019 - Present

- Founded and established the school's AP Computer Science A program in **Java**
- Designed AP Computer Science Principles lessons in **Javascript**, culminating in a 10-hour capstone project
- Developed elective course in **Python**, covering topics in advanced algorithms and data structures
- Achieved an 81% college readiness rate in AP Computer Science Principles in 2022, exceeding the NY average by 20%
- Won the AP Computer Science Female Diversity Award winner from 2019 to 2023 (more than 50% female exam takers)
- Selected by Collegeboard to score end-of-year AP Computer Science projects in 2020, 2023 and 2024
- Designed the computer science component of a 3-week Summer Bridge program for incoming high school freshmen
- Mentored 4 students for the Cornell University High School Programming Competition
- Organized tech talks for over 10 students at Google, Spotify and Infor offices

Projects

Fantasy Olympics Game · GitHub
Python, Node.js, Vue.js, MySQL, NoSQL, Amazon AWS

- Created multiplayer fantasy Olympics game featuring a Node.js back-end, Python web-scraping and a Vue.js front-end
- Utilized a MySQL database to store 20,000 Olympic athlete entries
- Implemented username and password verification using the NoSQL database DynamoDB
- Deployed application to cloud environment with Amazon AWS RDS and Elastic Beanstalk

Spotify Quiz Generator · Render · GitHub
Ruby on Rails, PostgreSQL, RESTful API, Javascript, HTML, CSS

- Built a fully-functional RESTful quiz application with Ruby on Rails back-end and integration of the Spotify API
- Established a PostgreSQL database to maintain user accounts persistently
- Designed a responsive front-end with more than 10 different views using Javascript, HTML and CSS

NBA Player Network · GitHub
Java

- Generated network of NBA players through object-oriented programming in Java
- Employed the JSoup library for web scraping, extracting 8 categories of player data from the Basketball Reference website

Technical Skills

Languages (Proficient)	Java, Python, Ruby on Rails
Languages (Prior Experience)	SQL, Javascript, HTML, CSS
Tools and Frameworks	Amazon AWS, MySQL, PostgreSQL, NoSQL, Node.js, Vue.js, Bootstrap, Git