Angel Fan

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Education

University of Pennsylvania - *School of Engineering and Applied Science, Philadelphia, PA*　　*August 2016–present*
Candidate for Bachelor of Science in Engineering, May 2020
Major: Computer Science
Relevant Coursework: Programming Languages and Techniques I, Introduction to Computer Systems, Mathematical Foundations of Computer Science, JavaScript, Data Structures and Algorithms, Automata Computability and Complexity, Introduction to Algorithms, Database and Information Systems, Mobile App Development

Experience

Teaching Assistant, Android Mobile App Development (CIS 195)　　*August 2018*
- Introductory android computer science programming course in **Java** and **Kotlin**
- Teach weekly, hold office hours, grade programming assignments for efficiency and style

Research Intern, World Well-being Project　　*January 2018 - Present*
University of Pennsylvania - Philadelphia PA
- Part of the Rachleff Scholars Society research program
- Working on social media research in building user level well-being prediction models through natural language processing and the use of **Python, MySQL,** and **R** to look at data correlation

Teaching Assistant, Introduction to Computer Programming (CIS 110)　　*September 2017 - Present*
University of Pennsylvania - Philadelphia, PA
- Introductory computer science programming course in **Java** for over 300 students
- Teach weekly recitation, hold office hours, grade homework and exams for efficiency and style

Creative and Marketing Director, PennApps　　*November 2016 - Present*
University of Pennsylvania - Philadelphia, PA
- Orchestrate marketing campaigns as head of the Creative and Marketing committee of the world's largest student run hackathon; made internal apps with **Node.js** and **MongoDB**

Projects and Awards

Rewriting the Code 2019 Fellow　　*June 2018*

Anita Borg Institute Grace Hopper Celebration 18 Scholar　　*May 2018*
- Chosen out of an extremely competitive pool to receive a scholarship to attend GHC 18

SafeEats　　*April 2018*
- Combining Tinder with restaurants, offers users an interactive way to search for restaurants based on preferences such as crime rates, Yelp rating, and cuisine
- Technologies used: JavaScript, Oracle SQL, Python, HTML/CSS

ASLator　　*February 2018*
- Won second place at FemmeHacks 2018
- Translates complex English sentences into American Sign Language through text and speech
- Technologies used: Python, JavaScript, HTML/CSS, Artyom.js, Spacy

My SkinCare　　*February 2017*
- Won the Rough Draft Ventures Prize at FemmeHacks 2017

Skills

Technical Languages: Java, JavaScript, Node.js, Python, SQL
Foreign Languages: Fluent in English and Mandarin Chinese, Proficient in Spanish