Sunny Guan

Richardson, Texas · Sunny.Guan@utdallas.edu · https://github.com/sunnyguan

OBJECTIVE

Goal-oriented CS Honors student with real-world project experiences seeking Summer 2021 internships to learn from collaborative companies and contribute to innovative ideas.

EDUCATION

The University of Texas at Dallas	Richardson, Texas
B.S. Computer Science, Collegium V, Computing Scholar (CS^2 Honors)	Aug 2020 - Present
De Anza College, West Valley College	Cupertino, CA
Dual Enrollment	Jun 2018 - Aug 2020
Lynbrook High School	San Jose, CA
High School Diploma, GPA: 3.95/4.00	Aug 2016 - Jun 2020

SKILLS

Programming Languages:	Java, Python, HTML, CSS, JavaScript, C++, Vim, Git, LaTeX
Frameworks:	Flask, React, Angular, Spring Boot, Azure, Material UI, Linux

COURSEWORK

Advanced Data Structures	Probability and Statistics	Number Theory
Data Structure and Algorithms	Differential Equations	Linear Algebra
Discrete Mathematics	Princeton Algorithms 1&2	Multi-variable Calculus

PROJECTS

May 2020 - Present
UTD Course Search *Angular, Spring Boot, Flask*   https://utdrmp.herokuapp.com/
Personal project that aggregates UT Dallas's course listing, course GPA data, and RateMyProfessor data into a simple table. Technical skills included Server-Sent Events, Java object serialization, web scraper, asynchronous fetch, Chrome extensions, and more. Currently around 50 users per day.

Jul 2020 - Present
UTDegree Planner *React, JavaScript, Python*   https://utdegreeplanner.com/
Major contributor to UTDegree Planner, which helps UTD students plan their degrees. Important technical skills include React with Material UI, web scraper, regular expression, and PDF parsing.

Feb 2020 - Present
Homework Scanner *Flask, OpenCV, Azure*
This project helps my statistics teacher grade homework faster by reading students' handwritten homework. Technical skills include OpenCV for contour detection and box-detection, Python API endpoint, and Microsoft Azure's handwriting API for handwriting recognition.

WORK EXPERIENCE

theCoderSchool, Code Coach	Cupertino, CA
Taught students topics ranging from advanced Python to AP CS	Dec 2019 - Aug 2020
Brighter Future Learning Center, Math Tutor	Cupertino, CA
Taught students mathematics ranging from Algebra to Calculus	Dec 2018 - Jun 2019

ACHIEVEMENTS

National Merit Finalist
Full scholarship for performance on the PSAT (1500/1520) as well as the SAT (1580/1600).   Mar 2020
Awarded to 0.4% of the 3.5 million high school seniors in the US.

CS^2 Honors
Passed entrance exam to join UTD's competitive honors program for talented CS students.   Jun 2020
4% of around 800 CS freshmen at UTD.

AIME Qualifier
Qualified for the American Invitational Mathematics Exam 3 times.   2018 - 2020
Top 5% of all AMC (American Mathematical Competition) 12 participants.

USA Computing Olympiad Gold Division   2017 - 2020

LINKS

LinkedIn	https://www.linkedin.com/in/sunny-guan/