Elijah S. Whang
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EDUCATION				
BASIS San Antonio – Shavan GPA: 4.84		S), San Antonio, TX CT Composite Score: 35	Expected Gra	nduation: June 2022 Score: Math II: 800
 21 AP Classes Including: Calculus AB & BC Physics 1 & 2 Human Geography Coding Languages & Framew 	Macro- & Micro	◆ Computer Science A chanics/Electricity & Magnetism economics → Java ◆ React Native ◆ JavaS	EnvironmePsychology	1
Deep Learning (DL) & Science	e Programs & Lib		•	◆ Matplotlib
COMPUTER SCIENCE PROJE				10 th – Presen
red blood cell size distributio Trained DL model to identify Numpy, and Python. Developed a program to calce Presented at the Alamo Reg Co-Crit (Full Stack): React Native mobile app that	n automated, real-tile on width (RDW) to p property and track red and culate RDW using gional Sci. and Eng at crowdsources re	me, in situ blood cell identificatione, in situ blood cell identificationedict mortality and monitor payonite blood cells in images and DL. Visualizes RDW data using in. Fair (ARSEF) and the Interneviews of business coronavirus e, Authentication, Realtime Data	atient disease progress d videos using YOLOv Matplotlib. lational Sci. & Engin. F safety measures using	m that calculates sion. 73, TensorFlow, Fair (ISEF) 11 th – Presents: • Google Places
 Published to Apple App Stor Personal Website (In Progress Developed using HTML/CS 	re and Google Play s)	Store: https://lnk.bio/yqpv	•	11 th – Presen
LEADERSHIP				
•	a website that allow es to donate used e	vs businesses to donate compu		
 Led meetings and planned e 		Juized Maur Gub), BASIS		10 - Fresen
Starting Point Guard (9th - Pr	resent), Captain (1	0th - Present), Varsity Basketh	oall, <i>BASIS</i>	9 th – Presen
Historian, National Honor Soci	iety (NHS), <i>BASIS</i>			11 th – Presen
OTHER EXTRACURRICULAR				
Cyber Patriots, First Team, BA		a aimulated computer avetem		11 th – Presen
 Competed to solve cybersed Math University Interscholast Competed in statewide math 	tic League (UIL), E			11 th – Presen
San Antonio Math Include (Sa Tutored students in San Ant	aMI), Tutor, <i>BASIS</i>			9th – Presen
HONORS AND AWARDS				
Finalist, ISEF: "Tracking Red E 2 nd Grand Prize, Senior Division 2 nd Grand Prize, Individual Pr St. Mary's University Scholar Trinity University Scholarship National AP Scholar	on, ARSEF r <mark>oject Winner,</mark> Sch r <mark>ship</mark>	,		10ti 10ti 10ti 10ti 10ti 10ti
AP Scholar with Distinction				1011

PUBLICATIONS

E. Whang. "Tracking Red Blood Cells in Real Time with Deep Learning." Society for Science & The Public, Regeneron International Science and Engineering Fair Abstract #TMED039. 10th

INTERESTS/HOBBIES

