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SUMMARY

Compassionate learner and researcher with well-prepared physics	knowledge and statistical skills. Creative	e self-starter with
proven abilities that solve real-life problems. Passionate about utilizin	ng specialized knowledge in researching.	
Relevent Courses		
AP COMPUTER SCIENCE, 5; AP CHEMIST	ΓRY, 5.	
LOWER DIVISION COURSES (Taken at UCSB):		
1. CHEM 1A–1B GEN CHEM, A+, A+;	2. PHYS 3L–4L, 25L PHYSICS LAB, A, P, A+;	
3. PHYS 23–25 GEN PHYS, A, A–, A– (from electric and magn	etic field, special relativity to quantum r	nechanics).
UPPER DIVISION COURSES (Taken at UCSB):		
1. MATH 104A INTRO NUM ABALYSIS, A+;	2. MATH 108A-108B LINEAR ALG	EBRA, A, A+;
3. MATH 117 METHODS OF ANALYSIS, A+;	4. MATH 145 INTRO TO TO	OPOLOGY, A.
EDUCATION		
UC, Los Angeles, BS in Mathematics; GPA 3.97, Los Angeles, C	A Ez	xpected Jun 2023
UC, Santa Barbara, BS in Physics and BS in Mathematics; GPA	3.96, Santa Barbara, CA Transf	Ferred in Jun 2021
Shenzhen Middle School, GPA 4.17/4.31, Shenzhen, China		Jun 2019
PROFESSIONAL EXPERIENCE		2020 1 2021
Physics Lab Training – Physics Lab Trainee	Sep	2020 - Jun 2021
 Took a year-long series of Physics Lab training courses to training 	ain me in experimental skills and, even mo	ore importantly, the
experimental mindset. Learned how to interpret the data and	errors and how to improve the experimen	ts.
• Learned how to keep a lab notebook, analyze, and extract da	ta using MATLAB and Fiji. Learned LaTe	eX.
• Designed and measured an independent experiment and com	pleted a four-page paper entitled "The eff	ect of changing
Evagencen and TA Teshi Dermor and TA Liong Zhao	r the guidance and help of Professor Debo	oran Kuchnir
Porticipated in and norfermed experiments shout Atomic Sec.	Diffusction and Interferences France	Hautz
• Participated in and performed experiments about Atomic Spectra, Diffraction and Interference, Franck-Hertz Experiment Dipotoelectric Effect and Padiation Absorption Experienced and learned how to communicate and		
collaborate with different lab mates	Experienced and rearried now to commun	
Honors Contract – Honors Student	Sen	2020 – Dec 2020
Met with Professor David R Morrison once a week to discus	ss applying linear algebra in statistics and	probabilities
Studied and Discussed protein folding process using Bayesia	in statistics. Gaussian probability function	and Markov
matrices with Professor Morrison.	in statistics, Gaussian productinty reliction	
• Used python for data analysis and completed a five-page pap The US and in The World" under Professor Marriagn's gung	ber entitled "Analyzing The Death Rates o	f COVID-19 in
DELEVANT DO LECTS	IVISIOII.	
Relevant 1 ROJECTS Project Anothum Programmer and Designer	Da	<u>2020 Aug 2021</u>
Drogrammed and designed an original Roque like RDG game	by using Unity with five other friends	c 2020 - Aug 2021
 Trogramming and designed an original Rogue-fike Ki O gank Taught mugalf a new programming language C# in ana weal 	s and 2D game anging Unity and mastered	thom
Robotics Club – Mechanical Team Leader	Tand 5D game engine Unity and mastered De	c 2016 - Jun 2018
• Recruited 20 new members & taught them to use 3D modelin	ng software SolidWorks	
• Gave directions and guidance to new members' projects		
LEADERSHIP EXPERIENCE AND ACTIVITIES		
Super Solar Energy Project – Founding Member	Jur	n 2017 – Feb 2019
• Executed project to decrease high school's electricity expension 42,000 dollars) and installed 100m ² solar colls on the roof	ense. Successfully raised 300,000 yuan	(8approximately
 Studied and learned energy converting efficiency by colle 	cting data and conducting data analysis	from the school's
solar station with the help from professional Solar engined	erning data and conducting data analysis	from the sensor s
Honors		
College Honors Program in UCLA	Jı	uly 2021– Present
Honors Program in UCSB	Ap	r 2020 – Jun 2021
Dean's Honors (L&S) in UCSB	Fall 20	019 – Winter 2020
10grade and 11grade American Mathematical Modeling Competition	, Second prize of global level in both	2017, 2018
COMPUTER SKILLS AND INTEDESTS		
Programming & Software: Python MATIAR Mathematica I	aTeX Fiji Junyter Notebook Java C#	SolidWorks Unity
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Interests: Math Puzzles, Game Design, Cards, Badminton, Basketball, Tenor Saxophone, Hamburger