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Education					
UNIVERSITY OF CALIFORNIA	, BERKELEY	COMPUTER SCIENCE	AND APPLIED MA	ATH AUG	UST 2018 - MAY 2022
Relevant courses: Structure/ Integrative Biology, Multivar				s, Discrete Math	n and Probability,
MIDDLETON HIGH SCHOOL	I	HIGH SCHOOL DEGR	REE	SEPTEM	IBER 2014 - MAY 2018
Relevant courses: AP: Comp Algebra and Differential Eq.					
Experience					
SOFTWARE ENGINEERING IN	TERN AT DIR	ECT MA	ADISON, WI	I	MAY 2019 - PRESENT
Direct, commercial real estate	e broker platf	orm			
		e and text processing an Google Vision and Gmail		ter recognition	(OpenCV, regex, etc)
ACADEMIC INTERN UC BERK UC Berkeley EECS (Electrical		BERKELE and Computer Science) Co			ARY 2019 - MAY 2019
 Resolve technical issues 	with both th	ice hours pertaining to P e students and the cours n students to verify their	se including hom	nework and pro	ject submission errors
WIPAC DATA ANALYST	I	MADISON, WI	1	JUNI	E 2017 - AUGUST 2017
The Wisconsin IceCube Partic in the South Pole.	le Astrophys	ics Center (WIPAC) collect	s and analyzes no	eutrino data froi	m the IceCube detector
 Leveraged a platform ca 	ılled Zoonive	utrino data and develop o erse for human analysis o lgorithms of neutrinos er	f data which imp	proved the qual	ity of the training data
Skills					
Programming Languages:	Python, Java	, JavaScript, HTML, CSS,	SQL, Scheme (L	isp), Swift	
Libraries/Tools: Git, TensorF	low, Keras, N	NumPy, ReactJS, Processir	ng, Pandas, Beau	utifulSoup4, req	uests, and others
Concepts/Algorithms: Fund Leadership / Organ	_	orithms (graphs, trees, ha	shing, etc), deep	learning, RL, H	MMs, SVMs, NLP
CAL LAUNCHPAD Developer on Moorjani Lab P	 roject	BERKELEY, CA	1	FEBRU	JARY 2019 - PRESENT
 We are working with Mo algorithms. 	orjani Lab to	enhance ancestral gene	tics tracing with	cutting edge m	nachine learning
 These algorithms could of the course of the c	•	low us to more accurately BERKELEY, CA	•		d adaptation. UARY 2019 - PRESENT
 We work on brainstorming community. 	ng and deve	loping open source libra	ries for UC Berk	eley and the br	oader software
INVESTMENT CLUB Co-Founder/Co-President	I	MADISON, WI	I	DECEM	BER 2015 - MAY 2018
Gathered initial membe	rs, entered c	lub into competitions, co	ontacted and talk	ked to potential	guest speakers from

financial firms in the area. Gave presentations on topics from options trading to cryptocurrency.

Projects

ARTIFICIAL NEURAL NETWORK LIBRARY IN JAVA | REDDIT BASED CHATBOT | ATARI BREAKOUT RL BOT | STAR-<u>DEFENSE IOS SPACE INVADERS VARIATION</u> | <u>DATA COLLECTOR (WEB SCRAPER FOR ML DATA)</u> | RL TRADING BOT