

(608) 843-7045 nmegan@berkeley.edu <u>NaregAmirianMegan.github.io</u> (<u>GitHub</u>, <u>LinkedIn</u>, Projects)

Education					
UNIVERSITY OF CALIFORNIA	A, BERKELEY	COMPUTER SCIENCE AN	ND APPLIED MAT	H AUGUST 2018	- MAY 2022
		on of Computer Programs, lus, Chemistry. (GPA: 3.4 / 4		Discrete Math and Prob	pability,
MIDDLETON HIGH SCHOOL	- 1	HIGH SCHOOL DEGRE	E	SEPTEMBER 2014	- MAY 2018
		ce, Calc AB/BC, Chemistry, F S 400; Java, algorithms, dat			: Linear
Experience					
SOFTWARE ENGINEERING I	NTERN AT DI	RECT MAI	DISON, WI	MAY 201	9 - PRESENT
Direct, commercial real estat	te broker plat	tform			
	•	ge and text processing (Op Google Vision and Gmail.	enCV, regex, etc) and optical character	r recognitio
ACADEMIC INTERN UC BERI UC Berkeley EECS (Electrical		BERKELEY g and Computer Science) Cor		FEBRUARY 2019	- MAY 2019
 Resolve technical issue 	s with both t	ffice hours pertaining to Pyt he students and the course th students to verify their ur	including home	work and project subm	ission error
WIPAC DATA ANALYST The Wisconsin IceCube Parti in the South Pole.	cle Astrophy	MADISON, WI sics Center (WIPAC) collects	 and analyzes neu	JUNE 2017 - Al trino data from the IceC	
 Leveraged a platform of 	alled Zooniv	eutrino data and develop da verse for human analysis of a algorithms of neutrinos ent	data which impro	oved the quality of the t	training data
Skills					
Programming Languages:	Python, Jav	va, JavaScript, HTML, CSS, S	QL, Scheme (Lis	o), Swift	
Libraries/Tools: Git, Tensor	Flow, Keras,	NumPy, ReactJS, Processing	g, Pandas, Beauti	fulSoup4, requests, and	others
C <mark>oncepts/Algorithms:</mark> Fun Leadership / Orga i	-	gorithms (graphs, trees, hash	ning, etc), deep le	earning, RL, HMMs, SVN	∕ls, NLP
CAL LAUNCHPAD Developer on Moorjani Lab	 Project	BERKELEY, CA	I	FEBRUARY 2019	- PRESENT
 We are working with Mo algorithms. 	oorjani Lab t	o enhance ancestral geneti	cs tracing with c	utting edge machine lea	arning
 These algorithms could OPEN SOURCE AT BERKELE Developer 	•	allow us to more accurately BERKELEY, CA	trace diseases ar 	nd understand adaptati FEBRUARY 2019	
 We work on brainstorm community. 	ing and dev	eloping open source librari	es for UC Berkel	ey and the broader soft	ware
INVESTMENT CLUB Co-Founder/Co-President	I	MADISON, WI	I	DECEMBER 2015	- MAY 2018
 Gathered initial members 	ers, entered	club into competitions, con	tacted and talke	d to potential guest spe	eakers 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