Professional Experience

Education

Projects

Evan	Rvan	Gunter
	- 0 , y c 1 1	Callett

	evgunter@gmail.com evgunter.github.io 510 812 7851			
	ML Alignment & Theory Scholars Research Scholar advisor: Lindner	01/24—03/24		
	Using vision-language models as reward models for process-based supervision in I	, , , , , , , , , , , , , , , , , , , ,		
	Long-Term Future Fund Grantee	09/23-01/24		
	Investigating methods of applying high-dimensional results from math and physi			
	scapes; empirically testing predictions of Singular Learning Theory; determining whether MCMC techniques can provide insights on loss landscape geometry			
	Research Scholar advisor: Krakovna stability paper, power formalization slides	06/23-09/23		
Ś	Proved theorems on stability of power-seeking for Markov decision process (MDI	P) policies with		
1	bounded gradient; developed improved formalization of power as optionality for MDPs			
	Granica			
7	Research Engineer	02/22— $07/23$		
oonon rodva	Data compression research; used black box optimization, sketch algorithms, statistical modeling, Bayesian estimation, spectral clustering, integer linear programming, singular value thresholding			
	Software Engineer	02/21-02/22		
3 4	Configured cloud infrastructure for data compression platform; developed interface	, , , , , , , , , , , , , , , , , , , ,		
	Berkeley Existential Risk Initiative Research Assistant to Anders Sandberg	_		
Olessional	For book draft, checked physics calculations; advised on philosophy and other con			
ğ	Theorem Engineering Intern	07/18-09/18		
	Detected duplicate applications using nearest neighbor search in SQL; configured	ETL pipeline		
California Institute of Technology				
+	Head Deans' Tutor, Calculus of One and Several Variables & Linear Algebra	09/1806/19		
	Head Deans' Tutor, Classical Mechanics and Electromagnetism	04/18 - 06/18		
	Teaching Assistant: Fundamentals of Computer Programming,	04/18-03/19		
	Introduction to Discrete Mathematics, Principles of Biology	00/17 00/17		
	Summer Undergraduate Research Fellowship advisor: Winfree 06/17—08/17 Implementation of randomized algorithms with stochastic chemical reaction networks			
	Deans' Tutor, misc. math, physics, and computer science courses	09/16-06/19		
	Peer Tutor, Hixon Writing Center	04/16 - 06/19		
	JPL Science Data Modeling and Computing Group Intern	07/16—09/16		
	California Institute of Technology	0.710 00710		
	BS Mathematics, BS Computer Science, BS Philosophy 3.6 GPA	09/15-06/19		
ز ﴿	Only 2019 triple major; 8 A+'s; research in CS and philosophy; thesis in philoso	, , , , , , , , , , , , , , , , , , , ,		
3	14 physics courses (3 grad-level); peer tutoring and TAing in CS, math, writing, a	and physics		
7	(California Institute of Technology			
	Undergraduate Projects in Computer Science advisor: Vanier	04/19—06/19		
	With another student, investigated AlphaZero-inspired tree search for automated t	heorem proving		
	Philosophy thesis advisor: Sebens Anthropic reasoning in infinite worlds	09/18-06/19		
	Argued that self-indication assumption is less arbitrary than Bostrom's self-selection assumption;			
	addressed mathematical issues in infinite worlds; applied findings to spacetime di			
	Reading in Philosophy advisor: Eberhardt	01/19—04/19		
-	With another student, wrote 2 papers in ethics and philosophy of mind involving Russellian			
	onism, the mathematical universe hypothesis, population ethics, and panpsychism			
	University of California, Berkeley	01/15 05/15		
	Linguistics Research Apprentice Practicum (Ling. 197)	01/15—05/15		
	Linguistic Typology (Ling. 222)	01/14—05/14		