ETHAN MADER

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EDUCATION	**Purdue University**, West Lafayette, IN
	Ph.D. in Computer Science (advisor: Kent Quanrud), Aug 2024 - Present
	University of California, Santa Barbara, CA
	B.S. in Computer Science, *cum laude*, (GPA: 3.93/4.0), June 2024
	B.S. in Mathematics, *magna cum laude*, June 2024
POSITIONS	**Graduate Research Assistant**
	Purdue University, Aug 2024 - Present
	Math and Computer Science Tutor
	Wyzant, June 2023 – Sep 2024
	Undergraduate Researcher
	Polymath Jr., June 2023 - Aug 2023
	Undergraduate Researcher
	UCSB Programming Languages Lab, Jan 2023 - June 2023
	Undergraduate Researcher
	UCSB Directed Reading Program, Jan 2023 - June 2023
INTERESTS	**Theory**: Graph algorithms, combinatorial optimization, randomized algorithms, approximation algorithms, complexity theory, game theory, algorithmic economics
	Applications: Algorithms and optimization, operations research
HONORS	*Purdue University Presidential Excellence PhD Award*, 2024
	UCSB Dean's Honors, 2020 - 2024
SKILLS	**Qualities**: Leadership, collaboration, problem solving, critical thinking
	Tools: C++, Python (TensorFlow, Numpy, Matplotlib, pandas), Java, MATLAB, Mathematica, OCaml, Agda, Coq, Haskell, C, Assembly, LaTeX
ACTIVITIES	*Purdue Chess Club*, 2024 - Present
	Purdue Outing Club, 2024 - Present
	UCSB Chess Society, 2020 - 2024
	UCSB Math Club, 2021 - 2024
	Theta Tau Professional Engineering Fraternity, 2021 - 2024
PUBLICATIONS	TBD