

Henry Bendekgey

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Education	University of California, Irvine Fall 2019-present Pursuing a Ph.D. in Computer Science, studying statistical machine learning.
	Pomona College Spring 2019 Bachelor of Arts in Computer Science and Mathematics (Double Major) GPA: 3.97 Relevant Coursework: Combinatorial Optimization, Computational Biology, Bayesian Statistics, Computational Statistics, Statistical Linear Models Natural Language Processing, Topics in Topology and Geometry
Experience	Intern Summer 2019 Chan Zuckerberg Biohub San Francisco Worked with the theory group on two projects touching biology, physics, and statistics: <ul style="list-style-type: none">◦ Investigating the ability of (MC)³ to explore the space of phylogenetic trees, and◦ Discovering a new power law for modeling diffusion in crowded dynamic spaces
	Research Fellow Fall 2018 Computer Science Department Pomona College Designed a novel approach for understanding the landscape of personas across games; Scraped and cleaned data from online <i>Dominion</i> logs to visualize player strategies.
	Research Fellow Summer 2018 Kenneth Cooke Research Fellowship Pomona College Researched the mathematical models underlying state-of-the-art election forecasting; Implemented adjustable forecasts for the 2018 midterm election based on these models.
	Teaching Assistant and Grader Math and Computer Science Departments Pomona College <ul style="list-style-type: none">◦ Functional Programming and Discrete Math, Combinatorics Spring 2019◦ Statistical Theory, Linear Algebra, Computer Systems Fall 2018◦ Fundamentals of Computer Science, Combinatorics Spring 2017-Spring 2018◦ Introduction to Computer Science Spring 2016-Fall 2016
Programming Languages	Proficient with R, C, Python, Java, \LaTeX ; Familiar with SQL, C++, Scala, JavaScript.
Publications	Clustering Player Strategies from Variable-Length Game Logs in <i>Dominion</i> . H Bendekgey , AAAI Workshop on Knowledge Extraction from Games (KEG), 2019. <i>In preparation</i> : Diffusion in Crowded Dynamic Spaces. H Bendekgey , G Huber, D Yllanes, L Yan.
Awards	Enhanced CS Department Excellence Fellowship , UC Irvine, 2019 Allows first-year Ph.D students to engage sooner and more deeply with research by dispensing with teaching assistant requirement. Paul B. Yale Computer Science Prize , Pomona College, 2019 Awarded annually to an outstanding senior majoring in Computer Science. The Phi Beta Kappa Award , Pomona College, 2019 Awarded to a senior for high quality of scholarship and promise of future distinction. Phi Beta Kappa Member , Elected Junior year, Pomona College, 2018 The oldest honor society in the country; at eligible schools, 2% of Juniors are elected. Kenneth Cooke Summer Research Fellowship , Pomona College, 2018