

## Henry Bendekgey

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- Education** **Pomona College**, Claremont, CA Expected Spring 2019  
Bachelor of Arts in Computer Science and Mathematics (Double Major)  
GPA: 3.99
- Relevant Coursework: Combinatorial Optimization, Computational Biology,  
Bayesian Statistics, Computational Statistics, Statistical Linear Models  
Anticipated 2019: Natural Language Processing, Topology, Advanced Linear Algebra
- Aquincum Institute of Technology**, Budapest, Hungary Fall 2017  
Study Abroad
- Experience** **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 *Dominion* 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  
◦ 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
- Engineering Intern** Summer 2017  
QuanticMind  
Created an API for employees to access databases without requiring access credentials;  
Led meetings with colleagues to generate common use cases to be addressed by API.
- Skills and Courses** **Programming Languages:** Proficient with R, Python, Java,  $\text{\LaTeX}$ ;  
Familiar with: SQL, C, C++, Scala, JavaScript.
- Publications** In submission: **H. Bendekgey**, “Clustering Player Strategies from Variable-Length  
Game Logs in *Dominion*”, for *The AAAI Workshop on Knowledge Extraction from  
Games*, 2019  
In preparation: **H. Bendekgey**, “Consistency and Reproducibility in U.S. House of  
Representatives Forecasts”
- National Awards** **Phi Beta Kappa Member**, 2018  
The oldest honor society in the country; at eligible schools, 2% of Juniors are elected.  
**National Merit Scholar**, 2015  
College scholarship based on performance on the Practice SAT.
- Pomona College Awards** **Kenneth Cooke Summer Research Fellowship**, 2018  
Grant for summer research in an area of applied mathematics or statistics.  
**Bruce Jay Levy Prize in Mathematics**, 2018  
Awarded annually to a student for excellence in the field of mathematics.  
**Llewellyn Bixby Mathematics Prize**, 2017