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, LaTeX;
Familiar with: SQL, C, C++, Scala, JavaScript.

Publications

In submission: **H. Bendekgey**, "Visualizing Player Strategies in *Dominion*", for *The Thirty-Third AAAI Conference on Artificial Intelligence,* 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
Awarded annually to a sophomore for excellence in the second year of mathematics.