

Max Parker Heldman

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EDUCATION

University of Alaska Fairbanks, Fairbanks, Alaska

August 2016 - Present

Master of Science

Thesis: An Optimal Solver for the Obstacle Problem

- Major: Mathematics
- GPA: 4.00

Kenyon College, Gambier, Ohio

Graduated May 21, 2016

Bachelor of Arts, cum laude

- Majors: Economics, Mathematics; Concentration: Scientific Computing
- Mathematics GPA: 3.81; GPA: 3.62

RELEVANT COURSEWORK: Calculus, Statistics, Econometrics, Data Structures & Program Design, Coding Theory, Linear Algebra, Machine Learning, Topology, Abstract Algebra, Advanced Scientific Computing, Real/Complex Analysis, Mathematical Optimization, Numerical Analysis of PDEs, Numerical Linear Algebra

HONORS & AWARDS:

- Reginald B. Allen Prize in Mathematics recipient April 2016
 - The Reginald B. Allen Prize is awarded each year to a student chosen by the professors in the Department of Mathematics at Kenyon College as having done the most outstanding work in mathematics
- Honorable Mention, Interdisciplinary Contest in Modeling (ICM) April 2016
 - The ICM is an extension of the Mathematical Contest in Modeling, an international contest for high school students and college undergraduates that challenges teams of students to clarify, analyze, and propose solutions to open-ended problems
- Distinction, Senior Exercise in economics March 2016

TECHNICAL SKILLS:

Python, Matlab, C++, Latex, MS Office

GitHub: <https://github.com/mheldman>

WORK EXPERIENCE

University of Alaska Fairbanks, Fairbanks, AK

20 hr/wk, August 2016 - Present

Teaching Assistant

- Lead tutoring sessions and formal lectures for undergraduate calculus courses several times every week
- Give one-on-one tutoring assistance for a variety of undergraduate mathematics courses
- Grade homework papers and quizzes and provide students with constructive feedback

Heldman Simpson Partners LLC, Washington, DC

10 - 30 hr/wk, June 2016 – August 2016

Research Assistant

- Researched and summarized pending government health-care reform bills
- Researched and summarized the impacts of Medicare pilot programs on spending and service
- Researched the impacts of health-care regulations on hospitals and other providers in preparation for analyst meetings with institutional investor clients

LEADERSHIP EXPERIENCE

Kenyon College, Varsity Baseball

August 2014 – May 2015

- Earned starting position as a transfer student

Montgomery Junior College Varsity Baseball

January 2012 – May 2013

- Two-year starter
- Helped team reach 2012 and 2013 NJCAA College World Series