Adam Rumpf

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Education

Illinois Institute of Technology, Chicago, IL
Ph.D. in Applied Mathematics, May 2020

Arizona State University, Tempe, AZ
B.S. in Applied Mathematics with Minor in Geological Sciences, May 2011

Employment

Art of Problem Solving Online
Instructor, Spring 2020 – Present
Teaching Assistant, Summer 2019 – Fall 2020
https://artofproblemsolving.com/online

- ▶ Taught elementary school mathematics and Python classes during live online lectures including: number theory, introductory programming, precalculus, and elementary algebra
- ▶ Assisted students during live online class sessions
- ▶ Graded and left detailed feedback for homework and project submissions

Illinois Institute of Technology, Chicago, IL
Teaching Assistant, Fall 2012 – Fall 2017

- ▶ Tutored and graded for undergraduate and graduate mathematics courses including: precalculus, calculus, geometry, statistics, linear algebra, combinatorics, and mathematical modeling
- ▶ Led computer labs and recitation sessions to teach Mathematica and other course material

Chicago Area Health and Medical Careers Program (CAHMCP), Chicago, IL
Instructor, Summer 2014 and 2015
https://cpassfoundation.org/about/

- ▶ Taught accelerated sections of precalculus and calculus to high school seniors and incoming college freshmen

Ferris State University Academic Support Center, Big Rapids, MI
Tutor, Fall 2011 – Spring 2012

- ▶ Tutored for undergraduate math and science courses including: precalculus, calculus, physics, and chemistry

Mathematical and Theoretical Biology Institute (MTBI) Summer Program, Tempe, AZ
Undergraduate researcher, Summer 2011
https://mtbi.asu.edu/

- ▶ Worked with a group of fellow students to conduct original research in the field of mathematical biology

Organizations and Outreach

Society for Industrial and Applied Mathematics (SIAM)
IIT Student Chapter President, Fall 2016 – Spring 2017; Vice President, Fall 2015 – Spring 2016
https://siam.org/

- ▶ Awarded a 2017 SIAM Student Chapter Certificate of Recognition
- ▶ Helped to plan and organize chapter events and faculty presentations
- ▶ Led introductory workshops to teach graduate students how to draft technical papers using LaTeX
- ▶ Served on organizing committee for the Spring 2016 and 2017 Chicago Area SIAM Student Conference (CASSC, https://sites.google.com/a/uic.edu/chicago-area-siam-student-conference-2017/), an annual conference featuring research presentations by students from the Chicago area

ASU Science is Fun Program, Tempe, AZ
Intern, Spring 2010
https://le-csss.asu.edu/scienceisfun

- ▶ Traveled with a team of fellow students to local K–12 schools to present hands-on educational science demonstrations

Related Professional Skills

- ▶ Programming Languages: C++, Python, Java
- ▶ Mathematical Software: Mathematica, CPLEX, MATLAB
- ▶ Markup Languages: LaTeX, HTML