

Elijah H. DeJonge

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Education

- Western Carolina University, Cullowhee, NC May 2019
B.S. in Mathematics
Minor in Creative Writing
Major GPA: 4.00, Overall: 3.934

Publications

- *Destroying the Ramsey property by the removal of edges* Published
Mark Budden, Elijah DeJonge
Australasian Journal of Combinatorics 74(3) 2019
- *Deleted edge numbers and Ramsey-good graphs* Submitted
Mark Budden, Elijah DeJonge

Research Experience

- Undergraduate Research under Dr. Risto Atanasov February 2018 - May 2018
Polynomial Factorization
Western Carolina University
- Undergraduate Research with Dr. Mark Budden May 2018 - May 2019
Ramsey Theory
Western Carolina University

Presentations

- "Factorization of Polynomials over the Integers" March 2018
MAA Southeastern Section
Clemson University
Clemson, SC
- "Destroying the Ramsey Property by the Removal of Edges" Nov. 3, 2018
UNCG RMSC
University of North Carolina Greensboro
Greensboro, NC
- "Destroying the Ramsey Property by the Removal of Edges" Jan. 18, 2019
Joint Mathematics Meetings
Baltimore, Maryland
- "Deleting Edges from Complete Graphs to Destroy the Ramsey Property" March 8, 2019
MAA Southeastern Section
Lee University
Cleveland, Tennessee

Awards and Scholarships

- Center For Life Enrichment Honors College Scholarship Fall 2015 - May 2019
- Jeremy Elliot Memorial Scholarship Fall 2015 - May 2019
- State Employee's Credit Union Scholarship Fall 2015 - May 2019

- Chancellor's List (3.8 GPA or higher) Fall 2015 - Fall 2016, Fall 2017 - Spring 2019
- Breitenbach Scholarship Fall 2018 - Spring 2019
- Award for Outstanding Student Presentation at UNCG RMSC Nov. 3, 2018

Work Experience

- Mathematics Tutoring Center, Western Carolina University, NC Dec. 2017 - Present
Student Employee, Tutor in Mathematics

Extra Curricular

- Studied Abroad at Hochschule Furtwangen University, Germany Mar. 2017 - July 2017
- Math Club Member: Western Carolina University Oct. 2017 - May 2019
- Math Club Vice President: Western Carolina University Aug. 2018 - May 2019
- Math Jeopardy Team: Western Carolina University Spring 2018
- William Lowell Putnam Contest Fall 2018

Computer Skills

- \LaTeX , Mathematica, Excel, Matlab

References

- Dr. Risto Atanasov, Professor, Western Carolina University, NC
Phone: (828)-227-3942, E-mail: ratanasov@email.wcu.edu
- Dr. Mark Budden, Associate Professor, Western Carolina University, NC
Phone: (828)-227-3946, E-mail: mrbudden@email.wcu.edu
- Dr. Andrew Penland, Assistant Professor, Western Carolina University, NC
Phone: (828)-227-2483, E-mail: adpenland@email.wcu.edu