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| OBJECTIVE | To complete a Ph.D. in Mathematics at the University of Rochester. | | |
| INTERESTS | Algebraic Topology, Homotopy Theory, Computational Geometry | | |
| EDUCATION | Supplemental Coursework | | Present |
| | <i>University of Idaho, Engineering Outreach</i> | | GPA: 4.0 |
| | <ul style="list-style-type: none">• 9 credits in Differential Equations, Probability, and Numerical Methods• Open notebook at coltongrainger.com/math-451, /math-310 | | |
| | B.S. in Mathematics-Physics | | May 2016 |
| | <i>The College of Idaho, Caldwell, ID</i> | | GPA: 3.49 |
| | <ul style="list-style-type: none">• Senior Study: <i>Galois Theory for Differential Equations</i>• Advised by Dr. Jonny Comes. | | |
| EXPERIENCE | Community Organizer | | 2017 – Present |
| | <i>Family Support Center, Olympia, WA</i> | | |
| | <ul style="list-style-type: none">• Supervised volunteers, interns, and work-studies at homeless family shelter.• Coordinated service-learning projects and developed volunteer.fscss.org. | | |
| | Clerk in Refugee Medical Care | | 2016 – 2017 |
| | <i>YMCA International Services, Houston, TX</i> | | |
| | <ul style="list-style-type: none">• Supported 7 staff over 240 client cases (60 medical, 180 social adjustment).• Wrote data management plans for the implementation of 3 SQL databases. | | |
| | Grading Assistant | | 2015 |
| | <i>The College of Idaho</i> | | |
| | <ul style="list-style-type: none">• Corrected weekly assignments for 25 general physics students. | | |
| SERVICE | AmeriCorps VISTA | | 2017 – 2018 |
| | <i>Corporation for National and Community Service</i> | | |
| | <ul style="list-style-type: none">• Stipended position, 1 year building capacity in an anti-poverty program. | | |
| | Service Corps Fellow | | 2016 – 2017 |
| | <i>Texas Episcopal Service Corps, Houston, TX</i> | | |
| | <ul style="list-style-type: none">• Stipended position, 1 year working with refugees and displaced persons. | | |
| SKILLS | <i>Spoken Languages</i> | <i>Programming</i> | |
| | <ul style="list-style-type: none">• English, German (A2 level) | <ul style="list-style-type: none">• Python, Racket, C++ | |
| HONORS | Heritage Scholarship for academic merit | | 2012 – 2016 |
| | Top Putnam Score among College of Idaho students | | 2013, 2015 |