Colton Grainger

coltongrainger@gmail.com   ✉

coltongrainger.com   🖥

OBJECTIVE   To complete a Ph.D. in Mathematics at the University of Colorado, Boulder.

EDUCATION

Supplemental Coursework   May 2018
University of Idaho, Engineering Outreach   GPA: 4.0
- 9 credits in Differential Equations, Probability, and Numerical Methods
- Open notebooks at `coltongrainger.com/math-451`, `/math-310`

B.S. in Mathematics-Physics   May 2016
The College of Idaho, Caldwell, ID   GPA: 3.49
- Senior Study: *Galois Theory for Differential Equations*
- Advised by Dr. Jonny Comes.

EXPERIENCE

Volunteer Program Coordinator   August 2017 – Present
Family Support Center, Olympia, WA
- Supervised volunteers, interns, and work-studies at homeless family shelter.
- Organized service-learning projects and developed `volunteer.fscss.org`.

Clerk in Refugee Medical Care   September 2016 – July 2017
YMCA International Services, Houston, TX
- Supported 7 staff over 240 client cases (60 medical, 180 social adjustment).
- Wrote data management plans for the implementation of 3 SQL databases.
- Created a safety-net repo: `github.com/coltongrainger/ymca-resources/`.

Grading Assistant   September 2015 – December 2015
The College of Idaho
- Corrected weekly assignments for 25 general physics students.

SERVICE

AmeriCorps VISTA   August 2017 – August 2018
Corporation for National and Community Service
- Stipended position, 1 year building capacity for an anti-poverty program.

Service Corps Fellow   August 2016 – July 2017
Texas Episcopal Service Corps, Houston, TX
- Stipended position, 1 year working with refugees and displaced persons.

SKILLS

Languages	*Operating*
- English, German (A2 level)	- UNIX, Windows
Programming	*Software*
- Python, C++, Racket	- pandoc, TeX, `git`, SAGE, Jupyter

HONORS

Heritage Scholarship for academic merit		2012 – 2016
Top Putnam Score among College of Idaho students		2013, 2015