(208) 585-7373 coltoncgrainger@gmail.com

ColtonGrainger

OBJECTIVE

To complete an M.A. in Mathematics (with applied emphasis) at University of Utah.

EDUCATION

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.

RESEARCH INTERESTS

Multiscale Analysis and Computations for fluid dynamics and ground water flow. Material Science concerning percolation models and inverse problems.

EXPERIENCE

Refugee Medical Care Intern

August 2016 – Present

YMCA International Services, Houston, TX

- Managed 60 refugee medical cases in a team of 3 staff.
- Scheduled medical appointments, transportation and interpretation.
- Advocated for clients at clinics, food pantries and emergency shelters.

Course Grader & Tutor

September 2015 – December 2015

The College of Idaho

- Graded weekly assignments for a section of 25 general physics students.
- Tutored 5 calculus students in weekly one-on-one sessions.

Dishwasher & Server

Summers 2011 – 2013, Fall 2015

The Griddle, Meridian, ID

Served food and kept clean a 100 m² commercial kitchen.

COMMUNITY INVOLVEMENT

Service Corps Fellow

August 2016 – Present

Texas Episcopal Service Corps, Houston, TX

- · Lived in an intentional community with 2 other fellows.
- Committed to 1,700 hours of service in 11 months.

WWOOF Ranch-Hand

Summer 2016

Sonnwendhof Biofarm, Möckmühl, Deutschland

- Built relationships with American, German and Italian WWOOFers.
- Pastured sheep and planted a sustainable garden.

SKILLS (rated out of 5)

Spoken Languages

Programming

• **German** (3), English (5)

• **Python** (3), C++ (2)

Markup Languages

Operating

• LATEX (4), HTML (2)

• **GNU** (3), Mac (5), Windows (5)

HONORS

Heritage Scholarship for academic merit **Top Putnam Score** among College of Idaho students 2012 - 2016

Varsity Skier on The College of Idaho Ski Team

2013, 2015 2014, 2016