

# Colton Grainger

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🐦 colton\_grainger

## Education

2012–2016 **B.S. Mathematics-Physics**, *The College of Idaho*.  
Senior Independent Study  
title *Applications of Galois Theory: Monodromy Groups and Fuchsian Differential Equations*  
adviser Dr. Jonny Comes  
description I approached solutions to the hypergeometric differential equation with Galois theory.

## Experience

2016– **Clerk**, *Dept. of Case Management, YMCA International Services*, Houston, TX.  
Facilitated Medicaid coverage and financial assistance programs.  
Typeset resource guides in English, Spanish and Arabic.  
Created database of 50 local, low-cost clinics.  
Summer **WWOOF Ranch-Hand**, *Sonnwendhof Biofarm*, Möckmühl, Deutschland.  
2016 Posted and strung up electric fences.  
Planted a sustainable garden.  
2015 **Course Grader**, *The College of Idaho*, Caldwell, ID.  
Reliably graded assignments belonging to one section of General Physics.  
2015 **Dishwasher**, *The Griddle*, Meridian, ID.  
Kept clean a 100 m<sup>2</sup> commercial kitchen.  
2011–2013 **Server/Host**, *The Griddle*, Eagle, ID.  
Turned tables at a breakfast restaurant.

## Involvement

2016– **Fellow**, *Texas Episcopal Service Corps*, Houston, TX.  
Lived in community with other fellows.  
Connected to metropolitan service projects.  
2014–2016 **Athlete**, *College of Idaho Ski Team*, Caldwell, ID.  
Skied Slalom and GS in Idaho, Oregon, Washington and Montana.  
Summers **Counselor**, *Gem Boys State*, Nampa, ID.  
2011–2015 Guided high-schoolers through a camp on American Government.

## Computing Skills

Programming	Python, C++	Markup	ℒ <sub>A</sub> T <sub>E</sub> X, HTML
Algebra	SageMath, Mathematica	Operating	Debian GNU/Linux

## Honors

2012–2016 Heritage Scholar (merit award)      2013, 2015 Top Putnam score at C of I