

Christopher A. Engelsma

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Golden, CO 80403

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Education

Colorado School of Mines

M.Sc. Geophysics [*Currently Pursuing*]
Center for Wave Phenomena
Advisor: Dr. Dave Hale

Golden, CO.

2009-Present

B.Sc. Geophysical Engineering
Cumulative GPA: 3.48/4.00
Graduation Date: May 8, 2009

2005-2009

Dean's List

Broomfield High School

Cumulative GPA: 4.50/5.00
Graduation Date: June 2005

Broomfield, CO.

2001-2005

Honor Roll

Work Experience

Center for Wave Phenomena: Research Assistant

Advisor: Dr. Dave Hale *dhale@mines.edu*
Assist in graphics implementation of image processing as well as
visualization theory while conducting my own original research.

Golden, CO.

2009-Present

WesternGeco Schlumberger: Geoscientist Intern

Manager: Michael Vervalin *mvervalin@denver.westerngeco.slb.com*
Tasks: Processing marine and land seismic data (2D and 3D), velocity
analysis, bandpass filter testing, depth imaging

Denver, CO.

2007-2008

Projects

Geophysics Field Camp: Processing Manager

Month-long summer field session conducting geophysical surveys with the
intention of exploration for potential geothermal wells.

Buena Vista, CO.

Senior Design

Designed and programmed an interactive forward-modeling program for
the gravity method and distributed online for educational purposes.

Golden, CO.

Professional Affiliations

Society of Exploration Geophysicists
American Geophysical Union
Society of Student Geophysicists
Graduate Student Association

Relevant Skills

Coursework: Advanced coursework in the seismic method as well as data
structures, digital signal analysis, computer graphics, and scientific
visualization.

Software: Extensive experience in Mac, Linux and Windows operating systems,
as well as Seismic Unix, Madagascar and ArcGIS.

Programming: Java, Python, C++/Objective-C, Scala, L^AT_EX