

Nicolas Bartschi

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Objective Seeking a geologist internship position in the oil and gas industry where I can use my educational background and strong computer skills to assist in solving geological problems related to exploration and production.

Education **Master of Science, Geology** *2014 – present*
University of Houston, Houston, TX
GPA: 4.0/4.0
Expected Graduation: Dec 2015

Bachelor of Science, Geology *2008 – 2013*
Minor Mathematics
University of Houston, Houston, TX
Magna Cum Laude
GPA: 3.78/4.0

Work Experience **Teaching Assistant** *August 2014 - present*
University of Houston

In charge of teaching undergraduate mineralogy labs.

Relevant Projects **Sediment supply and accommodation controls on Late Cretaceous foreland basin stratigraphic architecture in the Book Cliffs, Utah: An approach using detrital thermochronology and geochronology**

Completed 9 stratigraphic measured sections and collected over 46 samples for geochronology and thermochronology analysis. Field research completed Summer 2014.

MS Thesis (in progress)
Advisor: Dr. Joel Saylor

Relevant Coursework	Advanced Structural Geology Sequence Stratigraphy Geographic Information Systems	Terrigenous Depositional Systems Advanced Tectonics and Sedimentation Thermochronology
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Field Experience

- Thesis research in the Book Cliffs, Utah (1 month)
 - Field mapping experience in Montana (1 month)
 - Field mapping experience in Big Bend National Park, Texas (2 weeks)
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Geological Skills

- Creating and interpreting geological maps and cross sections
 - Experience conducting detrital zircon U-Pb dating using LA-ICPMS
 - Steps include rock crushing, heavy liquid separation, mounting, and data collection
 - Experience using petrographic microscopes to analyze sedimentary rocks
 - Some experience with well log interpretation & correlation, core analysis, and seismic interpretation
 - Experience using ArcGIS to solve and interpret geological data
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Computer Skills

- Highly skilled and experienced in computer programming languages
 - Fluent in Visual Basic, Visual Basic .NET, HTML
 - Some knowledge in C#/C++ and SQL query syntaxes
 - Able to use problem solving techniques to develop new specific programming functions
 - Able to create, manage, edit, and analyze large databases using Microsoft SQL Server and Microsoft Access
 - Extensive experience and knowledge using Microsoft Visual Studio, Windows Server, and MATLAB
 - Highly proficient in Microsoft Office suite (Word, Excel, Access, Powerpoint)
 - Strong knowledge and experience using Excel to analyze data and create advanced spreadsheets
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Awards & Recognitions

- NAGT/USGS Internship Nomination, **2013**
 - Marathon Oil Outstanding Geology Junior Scholarship \$2500, **2013**
 - BAFX Undergraduate Scholarship \$5000, **2012**
 - Capital One Petroleum Engineering Scholarship \$2500, **2010**
 - UH Petroleum Engineering Scholarship, **2010**
 - Dean's List (**Fall 2008, Spring 2009, Fall 2009, Spring 2010, Spring 2011**)
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Memberships & Affiliations

- Member of American Association of Petroleum Geologists (**AAPG**)
 - Member of American Geophysical Union (**AGU**)
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