

# Sarah Dasher

[srdasher@gmail.com](mailto:srdasher@gmail.com)

**Cartographer | Developer | Designer**

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## SKILLS

Languages: Python, JavaScript

Software: ArcGIS, QGIS, Adobe Illustrator, Adobe Photoshop, Landmark, PETRA, FeatureAnalyst

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## EDUCATION

**University of Wisconsin** / MS, Cartography

MAY 2019 - PRESENT, MADISON, WI

Coursework in scripting, data structures, cartographic design.

Final Project (proposed): "Western States: A new interactive web map presence for the US's oldest and most prestigious ultramarathon"

GPA: TBD

**University of Arizona** / MS, Geosciences

AUGUST 2010 - AUGUST 2012, TUCSON, AZ

Thesis: *The Effects of Topography on the Seasonality of Aridity and Humidity: A Case Study in the Andes from Observations and Modeling Results*, Advisor: Dr. Joellen Russell (GPA, 3.9) Concentration: climate dynamics and modeling.

Fellow of the Science Foundation of Arizona (full financial support)

**Amherst College** / BS, Geology, English

SEPTEMBER 1999 - MAY 2004, AMHERST, MA

B.A. with Honors, English and Geology. Thesis: "Detailed Quantitative Strain Analysis of a Penetratively Deformed Terrane; Kootenay Arc, Northeastern Washington" Advisor: Dr. Tekla Harms (GPA 3.7)

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## EXPERIENCE

**Sapere Aude** / Educational Testing Consultant & Founder

NOVEMBER 2015 to Present, WICHITA FALLS, TX

Teach webinars for global audiences up to 50 students. Coached numerous clients to perfect 800 scores in SAT/GRE and SAT subject tests. Contract with major test prep companies (Varsity, Ready4, Next Step, Kaplan) for private instruction and classes across a variety of platforms. 5000+ hours of instructional experience specializing in SAT/ACT/GRE, as well as military qualifying exams (ASVAB/AFOQT).

**ConocoPhillips / Geologist**

DECEMBER 2012 - APRIL 2015, HOUSTON, TX

Modeled, evaluated and developed horizontal and vertical prospects in COP's Midland Basin acreage. Made model- and GIS-based recommendations about lease acquisitions and recompletion potential. Daily use of ArcGIS, PETRA, Landmark and other 2D and 3D GIS and modeling software.

**BP USA / Geology Intern**

JUNE 2011 - AUGUST 2012, HOUSTON, TX

Daily use of ArcGIS, PETRA, Landmark and other 2D and 3D GIS and modeling software. Built a stratigraphic framework for Pennsylvanian section in Dewey Co, OK. Correlated 20 horizons in 500 wells over 15 townships. Approximated potential recoverable reserves for those units.

**Sacramento Country Day School/ Earth Science Teacher**

AUGUST 2007 to JUNE 2010, SACRAMENTO, CA

Developed and taught original, standards-based Earth Science and Engineering curriculum for 80+ students

**Seed Media Group / Assistant Editor**

SEPTEMBER 2006 - JUNE 2007, NEW YORK, NY

Wrote and edited content for ScienceBlogs, an educational science website, and Seed, an award-winning independent science magazine.

**The Chewonki Foundation / Environmental Education Faculty**

AUGUST 2004 - JUNE 2006, WISCASSET, ME

Taught residential earth and environmental science programs.