

JESSICA CLAIRE

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Technical Skills

Professional Experience

Python Programmer, 6/8/2012 to Current

Basis.Ed – Mesa, AZ

- Create a variety of ArcGIS geoprocessing services for accessing data via OPeNDAP.
- Write python code for accessing, visualizing, manipulating, and creating a variety of scientific datasets.
- Construct web apps which utilize ArcGIS geoprocessing services.
- Provide programming and GIS expertise to others involved in the REACCH project.

Teaching Assistant, 3/19/2012 to 5/10/2012

City, STATE

- University of Idaho Provide GIS technical support in, "Hydrologic Applications of GIS and Remote Sensing".
- Assist in analyzing remotely sensed imagery.
- Assist in the understanding basic hydrologic principles and GIS techniques.
- Assist in grading homework assignments and exams.

Invasive Species Intern, 6/7/09 to 8/27/09

City, STATE

- With team of 3, identified and removed several invasive plant species.
- Used Trimble GPS unit to mark locations of invasive species patches.
- Imported data into ArcGIS.

Desert Restoration Intern, 09/2008 to 04/2009

NA – City, STATE

- With team of 7, constructed 10 mile fence on wilderness boundary.
- Helped to restore illegal OHV incursions back to natural desert landscape.
- Used Trimble GPS unit to mark locations of illegal incursions.
- Imported data into ArcGIS.

Education

RELEVANT COURSE WORK Introduction into GIS Statistics for Geographers Remote Sensing and GIS Integration Hydrologic Applications in GIS and Remote Sensing GIS Programming Advanced GIS Spatial Analysis and Modeling GIS Applications in Fire Ecology and Management: Fall 2005

University of Florida Santa Fe College

M.S: Geography, 05/2012

University of Idaho - Moscow, ID

BA: Geography, 05/2008

University of Florida - Gainesville, FL

AA: Geography, 05/2006

Santa Fe College - Gainesville, FL