Lauren Rizzo

GIS Specialist

Summary

Lauren is a skilled GIS specialist with over 10 years of professional experience in research, engineering, and education. She has a wide skill set in geospatial technologies and software, including ESRI ArcGIS, open source software for GIS and graphic design, AutoCAD, and mobile data collection. Lauren has solid research, writing, and communication skills, and enjoys working on international projects.

Experience

GIS consultant   10/2017 - current
Ivrea (Torino), Italy

Interpretation of aerial imagery for damage assessment and creation of building data (Comoros, World Bank). Flood risk and thematic reference maps for collaborative analysis at stakeholder workshops. Land cover map conversion from ArcGIS to QGIS.

GIS Specialist at AECOM   06/2012-09/2017 (5 years 3 months)
San Diego, CA

GIS for engineering, construction, architecture and planning projects; biology and archaeology surveys, utility and asset mapping, solar energy, geotechnical/remediation projects, transportation, military planning, noise and visibility studies. Created cartographic figures and geospatial data for project reports and deliverables.

GIS Analyst at Joint Research Centre of the European Commission   11/2008-12/2010 (2 years)

Ispra (Varese), Italy

Geospatial information analysis for global security and stability (ISFEREA). Natural and political disaster damage assessment (interpretation of satellite imagery), disaster risk assessment, and conflict resource monitoring. Geographic data creation, analysis and editing, interactive web mapping, and map production.

GIS Teacher at San Diego Unified School District   09/2007-02/2008 (5 months)

San Diego, CA

GIS Teacher (secondary education)

Geography Instructor at Grossmont Community College   08/2006-12/2007 (1 year 5 months)

San Diego, CA

Geography instructor (university level)
Courses taught: Physical Geography Laboratory and Cultural Geography.

GIS Intern at Sullivan International Group, Inc.   03/2006-10/2006 (8 months)

San Diego, CA

Mapping of contamination in soil and groundwater.

Research Assistant at San Diego State University (Department of Geography)   08/2004-08/2005 (1 year)

Contributed to the NASA REASoN Project (Research, Education and Applications Solutions Network), which analyzed immigration patterns and created a border spatial decision support system (BSDSS). Fire mapping, mobile GIS with ESRI ArcPad, and web design.

Skills & Expertise

GIS, cartography, geospatial work: ESRI ArcGIS, QGIS, AutoCAD, ArcGIS Online, Google Maps, mobile data collection.
Graphic Design: Gimp (open source), Adobe Freehand.
Word processing, spreadsheets, presentations: Microsoft, Google.
Personal strengths: Excellent verbal and written communication skills, organized, attentive to detail, ability to multi-task and work within deadlines, positive attitude, enjoys being part of a team, interested in learning new tools and technologies.
Languages: English (native speaker), Italian (advanced intermediate); Spanish, French, German (beginner).

Education

San Diego State University   **2004-2007**
San Diego, CA
Master of Arts, Geography (including GIS and cartography)

Westfälische Wilhelms-Universität Münster   **2005-2006**
University of Muenster, Germany
Geography and GIS

University of California, Berkeley   **2000-2004**
BA, Geography (including GIS and cartography)