

AMY L. WILLOUGHBY

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EDUCATION

University of Wisconsin, Madison

Master of Science, GIS and Web Map Programming

Madison, WI

Expected May 2019

University of Southern California

Graduate Certificate, GIST Program

Los Angeles, CA

August 2016

University of California, Santa Barbara

Bachelor of Arts, Cultural Anthropology and Film and Media Studies

Santa Barbara, CA

June 2009

EXPERIENCE

UDC, Inc.

GIS – Technician

Waukesha, WI

July 2014 to Present

UDC mapped utility data and managed assets for various gas and electric companies.

- Utilized Python, Microsoft Access, ArcPad, and SQL for querying and processing field data
- Export and deliver daily personal geodatabase to customer with completed data
- Monitored the quality of electric utility data in GIS database within ArcMap
- Wrote training documentation and coached overseas employees in technical processes

Qure Medical

Quality Assurance – Quality Control Technician

Sturtevant, WI

March 2014 to July 2014

Qure Medical manufactured molded and extruded silicone components for commercial uses and medical devices.

- Measured and inspected first article and validation parts before approving them for production
- Created measuring methodologies and work instructions for in-house use
- Trained Quality Inspectors in measuring procedures

Vesta, Inc.

Quality Control – Inspector

Franklin, WI

February 2011 to March 2014

Vesta, Inc. developed and manufactured silicone medical devices and components.

- Evaluated and enforced the quality of medical devices produced in-house
- Measured and tested medical devices as required by the customer including burst tests, durometer tests, tensile tests, and dimensional checks using advanced vision system measuring equipment
- Working knowledge of ISO 13485

University of California at Santa Barbara

Instructional Development – Projectionist

Santa Barbara, CA

September 2007 to December 2009

UCSB Instructional Development provided technical and computational support for all campus activities including lectures, special events, and movie screenings.

- Supervised audio-visual equipment for special events and daily lectures
- Operated 35mm film projector for movie screenings

ADDITIONAL INFORMATION

Applications: ESRI ArcGIS 10.3, Model Builder, ArcPad, Atom, Brackets, Adobe Acrobat, TerrSet, Minitab, Microsoft Office (Access, Word, Excel, Powerpoint, Outlook)

Programming: SQL, Python, Javascript

Certifications: ASQ Certified Quality Inspector