

# AMY L. WILLOUGHBY

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## EDUCATION

### University of Wisconsin, Madison

*Master of Science, GIS and Web Map Programming*

Madison, WI

Expected August 2018

### University of Southern California

*Certificate, GIST Program*

Los Angeles, CA

August 2016

### California State University at Northridge

*Archaeology Field School*

Northridge, CA

August 2013

### University of California at 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 2016 to Present

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

- Manage daily operations on the back-office side for two projects
- Export and deliver daily personal geodatabase to customer with completed data
- Work with large datasets and monitor the quality of data in GIS database within ArcMap
- Processed and evaluated field data using ArcPad

### Qure Medical

*Quality Assurance – Quality Control Technician*

Sturtevant, WI

March 2014 to July 2016

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

- 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 including molded, extruded, and assembled products.

- Performed in-process inspections using advanced vision system measuring equipment
- Measured and tested medical devices as required by the customer including burst tests, durometer tests, tensile tests, and dimensional checks
- 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

## ADDITIONAL INFORMATION

Applications: Microsoft Office (Word, Excel, Powerpoint, Outlook, Access), Esri ArcGIS 10.3.1, Adobe Acrobat, Microsoft SQL Server, TerrSet, ArcPad, GPS Pathfinder, Photoshop, Illustrator, Minitab

Programming: Python, Java

Hardware: Apple, PC, Trimble