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| Alexander B. West | (512) 923-5046  [abwmaps.com](https://abwmaps.com)  11916 Dave Silk Dr.  Austin, TX 78748 |

Skills

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| --- | --- | --- |
| **Talents**   * Geospatial Analysis * Cartographic Design * Creative Thinking * Data Analysis * Database Management * Digital Image Processing * Landcover Classification * Problem Solving * Networking * Web Mapping * Remote Sensing | **Core Technologies**   * ArcGIS API * CSS * GeoJSON * HTML5 * JavaScript * Linux * Leaflet * Python * SQL | **Software**     * ArcGIS Pro * ArcGIS Online * Adobe Creative Cloud * ERDAS Imagine * Git * GitHub * Microsoft Office * VScode |

Experience

10/2022 – 01/2023 **GIS Analyst Intern**, – Houston, TX

* Lead a small group of analysts in learning and implementing a GIS as a team.
* Washed and scaled-out corporate geodatabase
* Automated project geoprocessing with modeling and programming
* Created large and small-scale dynamic maps, map books, and map series on a daily production schedule

05/2022 – 12/2022 **ISSO Photo Cataloger/Research Assistant**, TXST University Jacobs – San Marcos, TX

* Implemented team-oriented image georeferencing.
* Developed international space station image metadata
* Performed Digital Image Processing and aerial photograph analysis
* Create training data for machine/deep learning algorithms

09/2021 – 05/2022 **Research Assistant**, Meadows Center – San Marcos, TX

* Learned team implemented watershed analysis and citizen science education.
* Developed a relational database for citizen scientists in central Texas.
* Developed field maps for field technicians.
* Maintained GIS database

06/2021 – 02/2022 **GIS Technician Intern**, AECOM – San Antonio, Tx

* Learned asset management and civil engineering water systems assessment.
* Developed sound GIS field techniques in the accumulation and manipulation of spatial and a spatial data for various utilities.
* Learned how to create field book maps and solutions for engineers
* Created a sustainability and maintenance model Database

01/2017 – 06/2021 **Geology Lab Technician**, Austin Community College – Austin, Tx

* Increased leadership skills by tutoring students in geology.
* Developed sound communication and interpersonal relationship skills by working with teachers and other lab technicians to conduct labs.
* Honed dexterity and attention to detail through laboratory techniques.

Education

01/2020 – 12/2022 **B.Sc.** **Geography – GIS**, Texas State University | San Marcos,

*Cum Laude*

Internships

06/2021 – 09/2021 **GIS Technician Intern**, AECOM – San Antonio, Tx

10/2022 – 12/2022 **GIS Analyst Intern**, Trillium Energy – Houston, Tx

Sample of My Work & Experiences

<https://storymaps.arcgis.com/stories/cc8220d1b9ac4018800f720573c43658>



