

# CHAD RAMOS

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## Experience

12/2018-Present: GIS Data Analyst at Apple via Apex Systems

- Developed and implemented QA practices, maintain understanding of project specifications, provided expertise and feedback to team lead and processing editors regarding GIS deliverables.
- Created and executed custom models, python scripts, and PostgreSQL scripts to automate workflow processes.
- Extract, manipulate, and analyze vector and tabular data in the GIS and PostgreSQL.
- Communicate effectively in fast-paced team environment to plan and execute special projects such as content analysis, data evaluation and workflow creation.
- Conceptualized and created cross-spreadsheet numerical summary analysis in Quip to assist in tracking project statistics.
- Research and interpret source records for 3<sup>rd</sup> party data to function as in-house expert on team project.

8/2017-12/2017: Intern - GIS Survey for City of Kyle

- Worked in a group to conduct a GPS survey of the boundaries and features of a city park using a Trimble GPS unit.
- Leveraged ESRI GIS suite to create a geodatabase of the features.
- Designed a useable and attractive map of the park for use on the visitor website with ArcMap and Adobe Illustrator.

2009-Present: Server for Austin Catering

## Education

B.S. in Geography, Major in Physical Geography, Minor in Geology, Certification in GIS

Texas State University | San Marcos Texas

Graduated 5/2018 | GPA: 4.0

### *Related Course Work*

Advanced GIS: Used spatial analysis techniques and developed cartographic model to analyze datasets for viability of solar energy production.

Geo-programming: Utilized Python and ArcPY within ESRI ArcMAP to streamline and automate various GIS functions. Created a script tool that extracts and calculates geomorphological information from watershed datasets.

Advanced Cartographic Design: Created an atlas of power plants and energy resources in the state of Texas. Prepared a series of digital and print maps.

## Skills

-ESRI ArcGIS Desktop 10.5	-QGIS	-ArcMap Model Builder	-Trimble GPS
-ESRI ArcGIS Pro	-PostgreSQL	-QGIS Processing Modeler	-Slack
-Python ArcPy	-Pandas and Geopandas	-Adobe Illustrator and InDesign	-Quip

## Awards

+ Liberal Arts Award for Academic Excellence 2017-2018

+ Dean's List Spring 2018, Fall 2017, Spring 2017, Fall 2016

## Volunteering

+ Member of the 2013 Texas 4000 Team. Raised \$4500 to donate to cancer research. Traveled on bicycle with teammates from Austin to Anchorage, AK giving speeches about cancer screenings and risk.

+ Participated in 2010 and 2011 One Voice Against Cancer Lobby Day: Traveled to D.C. with other members of Cancer advocacy groups to lobby congress for increased funding in the NIH and the NCI.

+Participated in 2009 Livestrong Challenge: Raised \$1500 to donate to Livestrong cancer research initiatives.