

# CHAD RAMOS

chad.g.ramos@gmail.com | <https://cramos95.github.io/index.html>

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## Objective

Dedicated GIS Data Analyst seeking position that makes use of my proficiency in analysis and cartography.

## Employment

12/2018-Present: GIS Data Analyst at Apex Systems, Contracted to Apple

Develop and implement QA practices, maintain understanding of project specifications, and provide expertise and feedback to processing editors regarding GIS deliverables. Create and maintain custom models, python scripts, and PostgreSQL/PostGIS scripts to automate workflow processes. Design and process queries to extract, manipulate, and analyze data in the GUI and in postgresSQL/PostGIS. Plan and execute special projects such as workflow creation, content analysis, and QA/QC.

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

Responsible for working with a group to conduct a GPS survey of the boundaries and features within a city park using a Trimble GPS unit. Used ESRI GIS software to create a geodatabase of the features. Used Adobe products to create a useable and attractive map of the park for use on park visitor website.

2009-Present

Server for Austin Catering

## Education

B.S. 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/ArcPY within ESRI ArcMAP to streamline and automate various GIS functions. Created a script tool that extracts and calculates geomorphological information from watershed datasets.

GPS and GIS: Surveyed a Kyle city park using GPS. Combined survey with GIS, aerial imagery, and available datasets to create an accurate geodatabase of features and boundaries within the park. Prepared high-quality digital map for use on the city website.

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.

Visit my portfolio at <https://cramos95.github.io/index.html> for samples of my work.

## Skills

-ESRI ArcGIS Desktop

-PostgreSQL/PostGIS

-Pathfinder Office

-QGIS

-Python Pandas/Geopandas

-TerraSync

-Python/ArcPy

-Adobe Illustrator/InDesign

-Trimble GPS

## Accomplishments

+ 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.

+ Liberal Arts Award for Academic Excellence 2017-2018

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