

# ANDRES GONZALEZ

Driven technology expert with 5+ years of software experience. Seeking a full-time cloud architect or data analytics position utilizing software development, data processing, automation, and collaboration skills. Believes future innovations from computer science will solve today's challenges.



## EDUCATION

2021

### MS, Program Evaluation and Data Analytics

Arizona State University

📍 Tempe, AZ

- Working on R, Python, web libraries, and Robotic Process Automation
- Running multivariate statistical analysis for program evaluation
- Mining, cleaning, processing, and visualizing datasets.

2018

### MSUS, Master of Sustainability Solutions

Arizona State University

📍 Tempe, AZ

- Project : GIS Cultural Mapping for city development and data driven decision making
- Project Management for transformational change, sustainable urban planning.
- Business sustainability for innovation, brand value, and risk mitigation.

2016

### BS, Environmental Science

St. Mary's University

📍 San Antonio, TX

- Spatial Analysis and Geographic Information Systems
- Urbanization, Global Change, Geology, Environmental Law



## CERTIFICATIONS

2020

### AWS Certified Cloud Practitioner

Amazon Web Services

📍 Online

- Certified from passing exam, now studying for the Solutions Architect Associate certification.

2019

### Certificate of Full Stack Web Development

University of Arizona

📍 Tucson, AZ

- MERN stack : MongoDB, Express, React, Node.js
- Built applications with front-end, back-end, and API calling.
- Graphic design with Adobe, user interface and experience, web layout CDN's.



## EXPERIENCES

Present  
|  
2020 Jul

### CIS Professor

Central Arizona College

📍 Coolidge, AZ

- Teaching college students in person and online.
- Developing curriculum for CIS and GIS courses.
- Supporting students with career research and professional development.

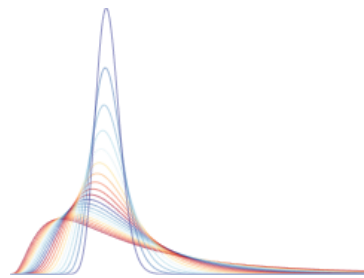
2020  
Oct  
|  
2020  
Jun

### Robotic Process Automation Manager

The Valor Solution

📍 Phoenix, AZ

- Running AWS console with security groups, EC2 Windows and Linux instances, RDS Database instances, elastic IP settings, IAM User management.
- Managing Technology infrastructure and team of software developers, developing Robotic Process Automation processes through Automation Anywhere and python.
- Deploying rules engine logic for medical billing and clinical management.



## CONTACT

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in

[www.linkedin.com/in/andres-gonzalez-technology](https://www.linkedin.com/in/andres-gonzalez-technology)



[github.com/andresjgonzalez6](https://github.com/andresjgonzalez6)

📞 (480) 734-3063

## PERSONAL PORTFOLIO



[andresjgonzalez6.github.io/PersonalPortfolio/](https://andresjgonzalez6.github.io/PersonalPortfolio/)

## LANGUAGE SKILLS

R

Javascript

SQL

Python

AWS API

Automation Anywhere

PHP

*Resume written in R language, knitted into HTML, then saved as PDF.*

*Link to my source code : [github.com/andresjgonzalez6/CV-RMD](https://github.com/andresjgonzalez6/CV-RMD)*

*Last updated on 2021-01-06.*

2020 Jul  
|  
2019 Jan

## Professor of Computer Technology

Central Arizona College

📍 Florence, AZ

- Taught Arizona Department of Corrections (ADC) inmates in GIS, A+, and AutoCAD as workforce training to reduce recidivism and improve their career opportunities.
- Coordinated with Central Arizona College, ADC professionals, and federal grant coordinators to meet goals of the Second Chance grant.
- Graduated 45 students yearly, across 3 disciplines, with professional certifications from TestOut and AutoDesk.

2019 Jan  
|  
2017 Nov

## GIS Technician I

EASi

📍 Phoenix, AZ

- Created and updated infrastructure assets, including: service lines, poles, transformers, distributed generation solar panels, and electrical meters.
- Researched parcel land modifications and updates APS' system using AZ county assessor's GIS, Google Maps, and satellite imagery.
- Operated as a GIS professional and consultant within the greater Utilities Vertical at EASi.

2017 Sep  
|  
2017 May

## Mapping Specialist

BPG Designs

📍 Tempe, AZ

- Extracted visual features from multispectral lidar data and sent completed maps to the design department for permitting purposes, also conducted in-person field surveys with mobile GPS units.
- Performed extractions in Orbit, created maps in ESRI ArcGIS, processed data using Carlson, edited maps in AutoCAD Map 3D, updated progress in Access, and turned in deliverables using Outlook software.
- Operated in an independently driven environment to meet deadlines and open levels of communication along all members of the mapping department.

2017 Jun  
|  
2016 Jan

## Private Tutor

WyzAnt Tutoring

📍 San Antonio, TX & Phoenix, AZ

- Collaborated with students and parents to increase grades in classes and preparedness for Texas and Arizona state exams.
- Taught students subjects such as: ASVAB, Pre-Calculus, College Algebra, Algebra 2, Geometry, Algebra 1, 7th grade Writing, and 3rd grade Math.
- Scheduled follow up tutoring sessions and prepare progress reports for parents to review.

2017 Dec  
|  
2017 Aug

## Sustainability Consultant

General Motors

📍 Tempe, AZ

- Researched the future of multi-modal transportation opportunities and analyzed individual market demand for the car sharing service Maven.
- Specialized in paratransit opportunities and the Toronto Market, worked within our group in Corporate Sustainability class and GM experts.
- Developed an international community and municipal engagement plan to aid GM in new relationship-building opportunities.