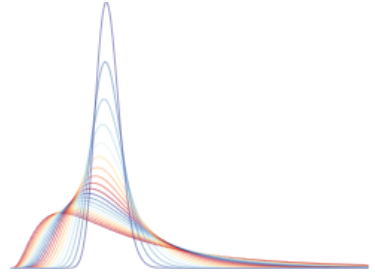


ANDRES GONZALEZ

Consistently improving my technology skillset: starting with GIS, moving to web development, now I am combining data analytics with robotic process automation and AWS cloud.

I architected infrastructure for a startup company, The Valor Solution, to bring automation technologies to the medical billing industry. I also enjoy being full-time faculty, at Central Arizona College, where I teach computer science to students and write new curriculum.

Searching for a position that incorporates cloud solutions with data science. It would be a plus if the data is about sustainability, geography, environmental, urban, or other earth systems. I completed the AWS Cloud Practitioner Certification, and currently working on additional AWS Certifications.



EDUCATION

Present
|
2020

MS, Candidate, 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.

2020

AWS Certified Cloud Practitioner

Amazon Web Services

📍 Cloud

- Certified from passing exam, working on the Solutions Architect Associate certification.
- Verify with this credential ID : JCT4YZRJKEFQ11G4

2019
|
2018

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.

2018
|
2016

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
|
2012

BS, Environmental Science

St. Mary's University

📍 San Antonio, TX

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

EXPERIENCES

Present
|
2020

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.

CONTACT



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ajcapanzana@gmail.com



andresjgonzalez6@gmail.com



<https://www.linkedin.com/in/andresjgonzalez-943257113/>



<https://github.com/andresjgonzalez6>



(480) 734-3063

LANGUAGE SKILLS

R

Javascript

SQL

Python

AWS API

Automation Anywhere

PHP

PERSONAL PORTFOLIO



<https://andresjgonzalez6.github.io>


Made w/ [pagedown](#).

Source code:

github.com/nstrayer/cv


Last updated on 2020-12-16.

2020
|
2019

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.

2020
|
2019

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
|
2017

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

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
|
2016

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

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.

My sustainability training taught me that 'future innovations' were necessary to solve climate change and other global issues. Mastering data science and cloud computing will be instrumental toward those future innovations.