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San Diego, United States
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EDUCATION

Bachelor's Degree of
Science, Geographic
Information Systems (GIS)

University of Maryland,

College Park, MD

May 2017

Minor: Remote Sensing of
Environmental Change

GIORGY CASTANEDA

PROFESSIONAL SUMMARY

Highly talented and motivated professional with solid diverse experience as a GIS Programmer and Web Developer proficient in ArcGIS Server Management, ArcGIS Web Application Development, Website Management, and managing organizational processes with efficiency. Detail-oriented team player with strong organizational skills. Ability to handle multiple projects simultaneously with a high degree of accuracy. Very passionate and dependable with a demonstrated track record, ready to offer over 6 years of industry experience to a progressive organization.

SKILLS

- Esri Products: ArcGIS Online, ArcGIS Enterprise, ArcMap, ArcGIS Pro, ArcGIS Web AppBuilder, ArcGIS Experience Builder
- Software Development Tools: JIRA, Confluence
- Application Development
- Teamwork and Collaboration
- Software Development
- Testing and debugging
- Programming Languages: Javascript, C#, .Net, HTML, CSS, Angular, React, Typescript, Python, SQL, REST Server
- Source and Version Control: Git, Github
- Web Programming
- Agile Development Methodologies
- Customer Support
- Build Releases

WORK HISTORY

December 2021 - May 2024

Cyclomedia - GIS Developer, San Diego, CA

- Updated and maintained widgets for Esri ArcPro, Web AppBuilder, and Experience Builder using JavaScript, HTML, CSS, .NET, C#, React, and Typescript.
- Coordinated deployments of new software, feature updates and fixes.

- Ensured seamless communication between software applications through thorough API testing and debugging.
- Increased user satisfaction by identifying opportunities for process improvement within integrated systems.
- Provided technical support for end-users, addressing any issues related to integrated systems promptly and effectively.

April 2018 - December 2021

Maryland Environmental Service - Software Application Specialist, Laurel, MD

- Updated web applications using JavaScript and HTML in order to be used in production
- Debugged projects that are being used in SQL servers and database management
- Was in charge of publishing services on the REST server for web applications by using ArcMap
- Managed various servers and databases in order to keep everything up to date and backed up
- Used multiple tools and software on ArcGIS Online to create web products that are shared with the public.

September 2017 - November 2017

Applied Research, LLC. - GIS Programmer, Rockville, MD

- Used MATLAB to complete various research projects related to remote sensing
- Worked on change detection techniques to predict images on certain dates using PlanetScope imagery
- Measured spectral data from TES and THEMIS imagery using MATLAB and ENVI programs
- Improved code to atmospherically correct THEMIS imagery using TES data for efficiency.

January 2017 - May 2017

UMD Facilities Management - Campus GIS Intern, College Park, MD

- Used ArcGIS technology to update and modify web and mobile websites for the campus map
- Used JavaScript and HTML to update the UMD Campus Web Map
- Worked with a small team to continue adding new features to the campus map

- Debugged code using Angular JS to modify dynamic routing services on the campus web map.

September 2013 - May 2017

University Recreation and Wellness - Weight/Fitness Supervisor, College Park, MD

- Provide patrons with excellent service and safety
- Respond to medical emergencies quickly and efficiently
- Handle conflict with patrons and staff whenever necessary
- Supervise weight/fitness staff around the facility to make sure they stay vigilant.

June 2016 - August 2016

USDA-NRCS-Central National Technology Support Center - Summer GIS Intern, Fort Worth, TX

- Worked on GIS projects alongside a GIS specialist using ArcMap
- Completed remote sensing assignments using NAIP imagery
- Went into open fields to collect data points using a Trimble GeoXT
- Used ArcMap to create maps of land resource regions and watershed conservation practices.