AMANDA NEAL
FULL-STACK WEB DEVELOPER & EDUCATOR
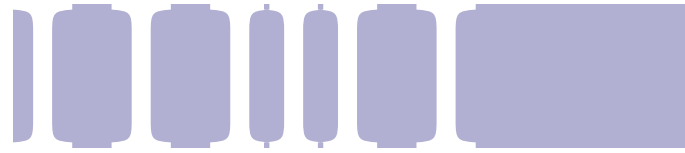
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Full Stack leveraging a background in education and technology. Proven team collaborator with extensive management and leadership experience. Recognized for patience, providing innovative solutions, and open-mindedness.

EDUCATION

Full Stack Web Development Certificate
University of Texas at Austin | 2020

Computer Science Certification
Harvard University | 2020

Python Certification
Harvard University | 2020

Cloud Computing & Web DevOps Certification
Massachusetts Institute of Technology | 2020

Bachelor of Science in Geographic Information Science & Bachelor of Arts in Music Education
Texas State University

TECHNICAL SKILLS

JavaScript, JQuery, HTML5, CSS3, Bootstrap, React JS

Node JS, Express JS, Passport JS

MySQL, Mongo DB, API

Python, Ubuntu, Docker, GIS, ESRI, ArcMap, GPS Coordinate Programming

GitHub, AWS, Heroku

Microsoft Office & Google Suite

RELEVANT WORK EXPERIENCE

Geospatial Engineer: GPS Golf Guru
Round Rock, TX   2008-2009

- First point of contact in troubleshooting and solving technicalities in GPS handheld golfing devices
- I was responsible for mapping and coding golf courses internationally per client request using GIS, ESRI, and GPS latitude and longitude coordinates
- I was responsible for traveling to certain areas if coordinates could not be found through the GIS software
- I was responsible for the technical writing of the company's documents
- I was responsible for the purchasing of the company and building relationships with international companies

GIS Analytics: TQI
Round Rock, TX   2008-2009

- Served as the first point of contact in troubleshooting technicalities with the US Military remotely for Camp Perry Virginia regarding their GPS systems
- Collaborated with developers who were responsible for coding the GPS systems
- Programmed the mapping GPS latitude and longitude coordinates into the GPS devices before shipping them to Camp Perry to be deployed to Iraq for our US soldiers

EXPERIENCE

- **19 years of work experience ranging in the two fields of Education and GIS**

- **17 years in education - 13 years being an educator, 5 years of school leadership**

- **5 years of leadership and management**

- Research and development
- IT
- Geocoding
- Geo analysis/coding mapping infrastructures
- Debugging and troubl shooting
- Director of private school
- Assistant Director of private school
- GT Coordinator
- IB Coordinator
- Academic Interventionist
- Instructional Coach

PROJECTS

Collaborative Team Project

- This project entails a map of local hiking trails around the city. You can filter the trail by difficulty and length. When you select a trail after entering the filters, the map zooms into the area while providing detail on the trail.

  https://github.com/cldominy/project-1

Project - Book Club

- This project allows readers to do many interactive things! After creating a username and password to create an account, a user can login to browse an entire library of books. They can search by title or even a simple key word or author. They can choose the book based on other users' reviews, or if it is a book they have already read, they can write their own review. This is great for teachers, students, parents looking for age and reading level appropriate books for their children, and just readers in general!

  https://enigmatic-hamlet-33609.herokuapp.com

Javascript Code Quiz

- This project shows a quiz giving Javascript questions. A timer is set upon clicking start. If a question is missed, then it takes time away from the amount left. When finished, you can add your name to the "Hall of Fame".

  https://github.com/amandaneal1131/javascriptquiz

Personal Portfolio

- This project provides a homepage with basic information about myself and who I am. You can navigate to other linked pages within the homepage to enter your own contact information, go to my facebook and linkedin pages, navigate to my youtube video, and read a look at visuals of my family.

  https://github.com/amandaneal1131/Portfolio