Randy Randolph

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**Applications Specialist | Data Analyst/Scientist**

Analytical and skilled professional with extensive experience in compiling research databases and condensing data by using new and improved statistical software and geographic information systems. Instrumental in conducting comprehensive research to develop suitable solutions, systems, and applications for continuous process improvement. Adept at understanding, analyzing, and defining data to improve the decision-making process for productive results. Fluent communicator, able to engage team members and build strong relations with management and other stakeholders. ***Proven expertise in:***

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| * Applications Management * Market Research & Analysis * Geographic Information Systems * New Software/System Deployment | * Project Lifecycle Management * Data Gathering & Visualization * Mortality/Health Operations * Data Documentation/Academic Writing |

**Professional Experience**

The University of North Carolina – Chapel Hill, NC

**Applications Specialist – Rural Health Research Program,** 1994 to Present

Perform policy analysis by gathering and reviewing tabular and geographic data. Leverage skills and expertise to design data strategies for testing researchers’ theories. Brainstorm and identify best data sources before conducting an analysis. Understand and defined methods, policy linkages, and findings using graphics, text, and verbal communication. Manage and maintain a library of cleaned data files for impromptu analyses.

***Key Contribution:***

* Currently working on data runs requested by CMS and HRSA to inform the allocation of CARES Act funds to support rural hospitals and clinics during COVID-19.

TRC Environmental Corporation – Chapel Hill, NC

**Staff Scientist,** 1992 to 1994

Gathered and analyzed environmental and demographic data by using geographic software. Created software user manuals and analytical documents as per contract requirements. Maintained equipment as well as performed smokestack testing.

***Key Contribution:***

* Carried out a detailed geographic component study and found the leakage of industrial chemicals into the city aquifer, leading to an EPA fine to the firm.

*Additional Experience as* ***Historic Preservation, Downtown Revitalization & Tourism Planner*** *at Southeast Georgia Regional Development CTR - Waycross*

**Education**

**Master of Regional Planning**, University of North Carolina - Chapel Hill

**BS in Community & Regional Planning**, Iowa State University - Ames, Iowa

**Technical Proficiencies**

SAS+Enterprise Guide | ESRI ArcGIS | MapInfo | Python | R / R Studio | Q-GIS | Office Suite | Stata | Google Cloud | GIMP / Photoshop | Linux and Windows | MySQL