Jon Starnes

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SUMMARY

Data Analyst, Statistical Programmer, Website Administrator
SQL, R statistical programming, JavaScript, Python, SAS, JDE EnterpriseOne, Oracle, Google BigQuery, Teradata, HTML, JQuery, Content Management Systems, Statistical Analysis Methods, Data migration, GIS

EDUCATION

Master's in Public Health, Georgia State University, Atlanta, GA   2017
Masters of Arts, Anthropology, Georgia State University, Atlanta, GA   2013
Bachelor of Science, Anthropology, Kennesaw State Univ. Kennesaw, GA   2010

Certification work:
Full Stack Development (FreeCodeCamp), Managing Big Data with MySQL &
Data Visualization and Communication with Tableau(Coursera)   2017

EXPERIENCE

Spectraforce at Shire Pharma   Social Circle, GA | Oct. 2016 - Current
Quality Data Analyst at Shire / Baxalta Pharmaceuticals Plant

- Migrated and merged data from SQL server and Oracle databases using data connections made via SQL, and output using Microsoft Power Query for Excel.
- Submitted and validated Work Order requests for production calibration and maintenance and ***data metrics*** in Oracle JD Edwards EnterpriseOne ERP (Enterprise Resource Planning).
- Designed Daily and Weekly Planning Activities templates in Excel for Maintenance and Engineering.

Deerland Enzymes   Kennesaw, GA | Periodic since 02-2017
Independent Contractor / Statistical Analysis (Clinical Trial Data)

- Analyzed clinical trial data using Independent T-Tests, Percent Change and Chi-square tests, and Relative Risk calculations, and Linear Regression when appropriate.
- Created ***data visualizations*** for the sales team to use in presentations to customers.
- Wrote up research paper sections including statistical methods, results and summary review points in the discussion section.

Freelance   Atlanta, GA | May 2016 - Current
Freelance Data Analyst and Manager using Upwork

- Cleaned, and entered data; Reviewed survey questions for quality and best practices.
- Coded Qualitative research interviews for Social Science research.
- Wrote and uploaded a tutorial on using 'R' and SQL with Google's BigQuery (big data) API.

- Statistical analysis script written in R that executed binomial distribution comparisons and Chisquare tests of changes in proportions.
- Currently assisting a doctoral student with a review of the qualitative and quantitative analysis dissertation chapters, and follow-up analysis on select variables using linear regression

Deerland Enzymes   Kennesaw, GA | Oct. 2015 - May 2016
Research Data Analyst (Clinical Trial Data)

- Produced data analysis on clinical trial results using lab serum data and survey data.
- Created publication ready ***data visualizations*** for past and current clinical trial research data.
- Wrote and prepared IRB applications for clinical trials.
- Drafted research papers from executive summaries **(*technical writing*).**
- Identified a bacterial genome and determine its phylogenetic placement (basic bioinformatics).

Georgia Dept. of Public Health   Atlanta, GA | Aug. 2014 - July 2015
Research Data Analyst (Intern)

- Cleaned and ported raw child language assessment data from Excel into SPSS, then to R.
- Performed d***ata analysis*** in R to analyze child language assessment scores and demographics data, including results reports tables, multiple linear regression results, interaction plots, and multiple factor scatterplots in R.
- Scored and entered hearing and language assessments for the 100 Babies Project.

Marcus Autism Center   Atlanta, GA | Jan. 2015 - May 2015
Data Entry Research Analyst (Observational Data Intern)

- Collected and entered observational data for autism language research.
- Validated Observational research data and scored language scale assessments.

School of Public Health, GSU   Atlanta, GA | Aug. 2013 - Aug. 2014
GIS Data Analyst (Graduate Research Assistant)

- Designed statistical map visualizations from US census datasets in ArcGIS to support research **data analysis** goals for Health Econometrics research.
- Cleaned and **migrated data** from raw health and census datasets to ArcGIS.

Program Impact Analysis   Atlanta, GA | Feb. 2013 - June 2013
Data Manager

- Managed data with CRM software like Capsule, MS Excel, and Google for Business
- Managed communications and related records for prominent food aid campaigns

OTHER EXPERIENCE

Department of Anthropology, GSU   Atlanta, GA | Aug. 2012 - May 2013
Graduate Teaching Assistant

- Designed and created all the online content for the Desire2Learn Online Course portal.
- Led instruction and discussions when my professor supervisor was away.
- Graded non-essay exam questions and assisted with exam study sessions.

Center for Intl Media Education (CIME)   Atlanta, GA | Jan. 2012 - July 2013
Assistant Director of New Media

- Managed and created website content CIME, and partner sites JMEM, AUSACE, and the 2012 AUSACE conference (including live streaming)
- Created social media accounts for news and live events

Weber Shandwick / Fitzgerald Co.   Atlanta, GA | May 2011 - Nov. 2011
Website and Social Media Manager

- Edited and maintained new content for the Hope 2020 website.
- Proposed and created a new project to feature HOPE Scholars and their profiles.