Chandler Crescentini

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Objective

Looking to utilize my curiosity, creativity, and knowledge of data analysis techniques in a full-time position.

Education

Bachelor of Science in Computational Modeling & Data Analytics, December, 2019,
Virginia Tech, Blacksburg, VA

Skills

Data Analysis:

Regression	Classification	
Clustering	Model building	
Forecasting	Time series analysis	
Visualizations	Iterative methods	

Programming:

R	C/C++
Java	MATLAB
LaTeX	Microsoft Office Products
SQL	Parallel computing

Relevant Experience

Capstone Project, The American Soldier in World War II, Dr. Ed Gitre, Virginia Tech Department of History, Fall 2019

- Utilized data manipulation in R to create a process for reuniting multiple choice and handwritten free response sections of surveys taken by American soldiers throughout World War II.
- Presented client with a variety of natural language processing techniques including sentiment analysis, n-grams, and a novel approach to text analytics: BERT combined with the CUR decomposition.
- Reuniting the datasets allowed for the deepest analysis of the data to date and natural language processing techniques allowed for the handwritten free response sections to be analyzed for the first time since collection.

Data Analytics Intern, Virginia Department of Game & Inland Fisheries, Richmond, VA, Summer 2019

- Collaborated with scientists and IT personnel to create reports utilizing visualizations as well as enumerative and inferential statistics based on data from multiple sources including surveys, published reports, and SQL databases.
- Created several R scripts and an Excel data dashboard to help department visualize and gain greater understanding of various aspects of license sales, promotional events, and their interactions.
- Work was included and credited in research paper written by supervisor.

Other Experience

Chef de Partie, Cabo Fish Taco, Blacksburg, VA, May, 2017 - May, 2019

- Assisted management with workforce efficiencies by routinely taking on additional duties and responsibilities, through flexibility in scheduling, suggesting innovative processes, and assisting in cross-training staff.
- Managed a diverse workforce, mentored and trained new employees, maintained a high level of quality and productivity in a fast-paced environment.
- Assisted in the development and implementation of standardized procedures across multiple franchise locations.