Chandler Crescentini

chandlercrescentini@gmail.com • 804-514-9914 • github.com/crescentini

Highly focused, motivated, and hardworking individual interested in utilizing my curiosity, creativity, and knowledge of statistics and data analysis techniques to provide novel, educated, and practical insights for decision-making processes.

Technical Skills:

Data Analysis — Multitude of supervised and unsupervised learning strategies including numerous regression, classification, clustering, and dimension reduction methods; various model building strategies; identification and assessment of influential observations; time series analysis techniques including modeling of seasonal and cyclical trends, autoregressive integrated moving average models, and forecasting; methods for collecting, storing, manipulating, and visualizing standard and large sized datasets; modeling of stochastic processes through ODE and difference equations; iterative methods; solving inverse problems and ill-posed inverse problems.

Computer Science — Object-oriented software design; algorithm development and analysis; data structure design and implementation; experience with high-performance computer architectures and parallel computing; highly proficient in R, C/C++, Java, MATLAB, LaTeX, Microsoft Office products; experience with SQL.

Work Experience:

Virginia Department of Game & Inland Fisheries

Data Analytics Intern
Summer 2019

- Collaborated with scientists and IT personnel in order 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 which were included in research papers written by supervisor.
- Created several R scripts and an Excel data dashboard to help department visualize and gain greater understandings of various aspects of license sales, promotional events, and their interactions.

References: Dr. Mike Bednarski – 804-367-6878, Dr. Rene Valdez – 804-367-8747

Cabo Fish Taco

Chef de Partie
5/2017 – 5/2019

- 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.

Reference: Richard Barrar – 540-552-0950

Education:

Bachelor's in Computational Modeling & Data Analytics

Virginia Tech – Winter 2019

Advanced Studies Diploma

Atlee High School
Including multitude of International Baccalaureate and Advanced Placement courses and six years of Spanish