John Sokol

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Data scientist with keen passion for software DevOps, statistics & ML

EDUCATION

M.S. Data Science & Strategic Analytics   **August 2018**
Stockton University, Galloway, New Jersey   GPA: 4.00

B.S. Biochemistry, Computer Science minor   **May 2017**
Stockton University, Galloway, New Jersey   GPA: 3.84 | Cum Laude
- Four year NCAA Track and Field Student Athlete

TECHNICAL SKILLS   github.com/sokolj1

Software and Programming languages:
- Python (Pandas, NumPy, Scikit-learn, Keras), R (Tidyverse, dplyr, ggplot), SQL, Java

Statistical Methods:
- Regression models, hypothesis testing and confidence intervals, principle component analysis, data cleaning and processing

Machine Learning:
- Classification, regression, clustering, feature engineering

Select Coursework:
- Machine Learning, Data Analysis and Operations Research, Data Visualization, Data Gathering and Warehousing, Data Structures (Java), Calculus 3

Notable Projects:
- Python**, completed**: K-nearest neighbor's implementation, brute force optimization, Maximizing UK Energy Consumption; **current**: Predicting Heart Disease using EEG data via PCA, and Deep Learning
- R, **completed**: Assessment of Self Cardiovascular Fitness using R Analytics, K-means cluster, perceptron, and linear regression implementation; **current**: Statistical Analysis of Super Bowl LII

WORK EXPERIENCE

Java Programming Tutor   **September 2016 – May 2017**
Stockton University, Mathematics Tutoring Center, Galloway, New Jersey
- Taught intro programming and data structures to students using four years of OOP experience
- Analyzed student learning assessments to identify individual learning needs; created customized tutoring for each student to improve student test scores and teaching methods for other tutors

Pharmacy Technician, CPhT   **April 2014 – Present**
CVS Health #6947, Ship Bottom, New Jersey
- Convey pertinent healthcare information to 75 daily patients and prioritize superior customer service to ensure CVS Health brand loyalty
- Lead launch of "Scriptsync" initiative to simplify convenience and safety of obtaining prescribed medications. Since then, medication pick up compliance has increased by 15%
- National certification (CPhT): Pharmacy Technician Certification Board

Resident Assistant (RA)   **September 2014 – May 2017**
Stockton University, Office of Residential Life, Galloway, New Jersey
- Developed leadership, guidance and interpersonal skills for 512 student residents for academic retention and personal growth
- Conducted duty rounds across complex of 512 residents to assure compliance of college rules and regulations; assessed monthly safety of 32 apartments via health and safety inspections