

## EDUCATION

***M.S. Data Science & Strategic Analytics***

Stockton University, Galloway, New Jersey

**August 2018**

GPA: 4.00

***B.S. Biochemistry, Computer Science minor***

Stockton University, Galloway, New Jersey

**May 2017**

GPA: 3.84 | Cum Laude

- Four year NCAA Track and Field Student Athlete

## TECHNICAL SKILLS

**[github.com/sokolj1](https://github.com/sokolj1)**

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

**Statistical Methods:** A/B testing and confidence intervals, principle component analysis, bootstrapping, cross validation, data collection, data cleaning/processing

**Machine Learning:** Classification, regression, clustering, feature engineering, model selection, deployment

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

**Notable Projects:** Python: Predicting Heart Disease with Machine Learning, Maximizing UK Energy Consumption. R: K-means cluster, perceptron, linear and logistic regression implementation

## WORK EXPERIENCE

**Data Analytics Intern** | AtlantiCare Health System

**March 2018 – August 2018**

- Leverage Tableau to create Venus Thromboembolism (VTE) dashboard for staff/admin end users to monitor ailment prevalence and key performance indicators for all health system facilities.
- Propose to implement predictive analytics (machine learning) to assist healthcare professionals make informed decisions about all facets of patient health. Preliminary trial with predicting heart disease.
- Extract patient data using PostgreSQL queries

**Pharmacy Technician, CPhT** | CVS Health

**April 2014 – Present**

- Lead launch of “Scriptsync” initiative to simplify convenience and safety of obtaining prescribed medications. Since then, medication pick up compliance has increased by 15%
- Convey pertinent healthcare information to 75 daily patients and prioritize superior customer service to ensure CVS Health brand loyalty
- National certification (CPhT): Pharmacy Technician Certification Board

**Resident Assistant (RA)** | Stockton University

**September 2014 – May 2017**

- 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