
Christopher P. Smith

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Education

Pursuing MS in Applied Data Science from Syracuse University (Graduate) (2017 - 2019)

GPA: 3.9

Expected Graduation Date: Spring 2019

Mercyhurst University (Undergraduate)

Majors: Intelligence Studies & Business Economics (Double Major) (2013 - 2018)

Awarded Presidential, Egan, Alumni, Athletic, and Graduate Merit Scholarships

Experience

Data Scientist Internship **FedEx Ground Data Analytics** (Summer 2018)

- Utilized TensorFlow optimization and artificial neural network tools to create unique KPIs
- Created extensive shipper and customer profiles using FedEx's big data on Hadoop and Spark
- Applied K-Means algorithm to make data driven conclusions
- Interactive Tibco Spotfire reports to visualize findings

Data Solutions Developer **Institute of Veteran and Military Families** (Jan 2019-Present)

- Implemented statistical analysis in R to evaluate risk and potential growth for O2O programs
- Used R programming language to creating interactive dashboards to present insights
- In-depth research of measuring return on investment, risk analysis, and economic indicators
- Conducted feature engineering to extrapolate key variables from unstructured and structured data

Quantitative Analyst Internship **Smithfield Trust Fund** (Summer 2017)

- Compiled market analysis reports using Excel using advanced statistical analysis
- Analyzed several different market sectors to develop investment approaches
- Worked directly with CIO of Smithfield Trust Fund
- Studied both fundamental and technical investment analysis approaches

Relevant Skills

Effective implementation of machine learning, NLP, and neural networking

- TensorFlow, PyTorch, SciKit Learn, caTools, caret, h2o, tm, SageMaker

Strong data visualization techniques

- Tableau, Spotfire, ggplot, Seaborn, Pandas, matplotlib, Shiny, flexdashboard

Knowledge of data analysis and database tools

- R, Python, AWS, Spark, Hadoop, Excel, STATA, Access, SQL

Extra-Curricular

Member of the Mercyhurst Lakers Football Team from 2013-2017 (NCAA Division 2)

- PSAC Scholar Athlete (2013-2017)
- Developed and utilized teamwork and communication abilities
- Tutored teammates in economics and computer science classes
- Implemented effective time-management skills