Jim Cassidy
Data Scientist, IBM Certified

IBM certified data scientist with 12 years of experience. A critical thinker, looking to grow in the data science field. Strong math background with skills in machine learning and data visualization.

Experience

2018-03/19 **Math Instructor**

Cambridge Learning Center

- Applied Scikit-Learn, Python and Tkinter to create polynomial regression with a user interface to predict SAT scores.

- Math Subject Tutoring and SAT Prep with a focus on Statistics, Calculus, Pre Calculus, Algebra, Geometry

2006-17 **Adjunct Professor Computer Science**

Sussex County Community College

- Prepared curriculum, graded and delivered lectures to a class of 26 Students in Database, Java, C C++, Word, Excel, Access, Powerpoint.

- Teaching and mentoring GED Math

Certifications

2019 *Coursera IBM Data Science Professional*

- Capstone Project: Extracted data from Foursquare and applied Python and K-means statstical techniques to analyse a city's data and determined correlations between economy, education and violence. (visit GitHub)

HackerRank

- Python Gold Badge

Education

2017 MS Cyber Security, NJIT

- Internet Privacy, Network Communications (linux)

1999 BS Computer Science, Centenary University

- Mastered Mathematics Courses offered

Personal Info

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Linkedin
linkedin.com/in/jim-cassidy

GitHub
github.com/jim-cassidy

Technical Skills

Machine Learning (AI)

Data Visualization

Statistics

Spark / Hadoop

Jupytar Notebooks

PHP / Javascript / HTML5 / CSS

Python / Matplotlib / Numpy / Tkinter

Tensorflow / PyTorch / Scikit-Learn

Java / C C++

MySql / Neo4j / SQLite

Maven / Swing

Cryptogaphy

Cisco Router

Soft Skills

Problem Solving

Critical Thinking

Teaching and Mentoring

Motivated Self Learner

Strong Work Ethic