

Brian Weinfeld

BrianDoesDataScience.com

Personal

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Soft Skills

Crafting and Delivering Public Presentations

Articulating Technical Insights Clearly and Effectively

Producing against Hard Deadlines through Agile Development

Developing Analytic Solutions to Abstract Business Challenges

Certifications

Java 8 Oracle Certified Professional

Honors

Four Time National Merit Scholar honoree for Computer Science education

Rutgers University Nancy H. Dorr distinguished teacher award

Recent Trainings

Data Engineering on Google Cloud Platform, Coursera

Developer Training for Spark and Hadoop, Cloudera

Talented programmer with management experience, strong creative vision, and robust statistics and machine learning background. Adept public speaker with proficiency crafting persuasive presentations for maximum understanding and engagement. Lifelong learner with passion and curiosity for all things computer and data science.

Programming

Languages Python (incl. Keras, Pandas), Java (OCP Certification), R (incl. Tidyverse), SQL

Frameworks Spark, Flask

Other Cloud Computing (GCP), Data Visualization, Version Control (Git), Docker, Jupyter

Work History

2019- Regional Manager
Microsoft Philanthropies TEALS, Vancouver, BC

- Managed 12 schools and 50 volunteers in the Vancouver metro area
- Analyzed trends in national TEALS databases to direct future outreach
- Created and presented training seminars and program development pitches
- Updated and refined multiple curricula
- Performed community outreach to underprivileged and indigenous communities

2011-2018 Advanced Placement Computer Science and Statistics Teacher
Summit Senior High School, Summit, NJ

- Directed computer science program as sole teacher in district
- Designed engaging, project-based curricula focusing on OOP and algorithmic intuition
- Spearheaded outreach program which increased CS class enrollment sixfold
- Achieved 100% student passing rate on all Computer Science and Statistics AP exams
- Founded and coached American Computer Science League team

2007 Internship - iAdverto.com

- Shadowed feature development team for several sprints
- Provided research insight to facilitate feature creation

Education

2019 M. S. in Data Science
City University of New York (CUNY), SPS

- 4.0 GPA
- Courses: Machine and Deep Learning, Big Data Management, Business Analytics

2016 M. S. in Educational Technology
Ramapo College of New Jersey, Graduate School

- 4.0 GPA
- Courses: Data Analysis, Advanced Web Development, Information Visualization

2011 Ed. M. in Mathematics Education
Rutgers, The State University of New Jersey, GSE

- 4.0 GPA
- Courses: Problem Solving, Cultural Diversity, Methods of Teaching Secondary Math

2007 B. A. in Computer Science w/ Statistics Minor
Rutgers, The State University of New Jersey, School of Sciences