Brian Weinfeld

my.website.here

Personal

(908) 451-1746

brian.weinfeld@gmail.com

Vancouver, BC

github.com/brian-w-projects

linkedin.com/in/brian-weinfeld

Programming

Python (incl. Scikit-learn, Keras, Pandas)

R (incl. Tidyverse)

Java

SQL

Graph Databases (incl. GraphX, Neo4j)

Distributed Computing (incl. Spark)

Additional Experience

Cloud Computing (GCP)

Data Visualization (incl. Shiny, Plotly)

Version Control Systems (Git)

Web Development (incl. Flask, Bootstrap)

Business Intelligence Software

Windows, Mac, and Linux Environments

Soft Skills

Accomplished Public Speaker

Clearly and Effectively Articulate Technical Insights

Delivering against Hard Deadlines through Agile Development

Developing Analytic Solutions to Abstract Business Challenges

Certifications

Java 8 Oracle Certified Professional

Recent Trainings

Data Engineering on Google Cloud Platform, Coursera

Developer Training for Spark and Hadoop, Cloudera

Talented programmer with strong creative vision, robust mathematics and statistics background, and team driven professional work environment experience. 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.

Education

May 2019 — **M. S. in Data Science**
City University of New York (CUNY)
School of Professional Studies, New York, NY

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

Dec 2016 — **M. S. in Educational Technology**
Ramapo College of New Jersey
Graduate School, Mahway, NJ

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

May 2011 — **Ed. M. in Mathematics Education**
Rutgers, The State University of New Jersey
Graduate School of Education, New Brunswick, NJ

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

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

Capstone Project

Created comprehensive project for predicting and presenting hourly bike share usage rates based on historical data. Utilized numerous data science, machine learning, programming and cloud technologies in complete end-to-end project.

- Effectively translated data into action by leveraging business acumen
- Utilized big data technologies to perform EDA and simplify ETL workflow
- Developed ensemble classical machine learning and deep learning model
- Built cloud based data pipeline to ingest, clean, store and predict on streaming data
- Created dashboard to provide live visualizations

Work History

2011-2018 — **AP Computer Science and AP 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
- 100% passing rate on all Computer Science and Statistics AP exams
- Program outreach grew student base from 15 students to over 100
- Founder and coach of American Computer Science League (ACSL) team

Honors

2015-2018 — Four time National Merit Scholars honoree for Computer Science education

2011 — Rutgers University Nancy Higginson Dorr Award for showing great promise of being an exceptional teacher