

Viriyanda Susilo Tjiong

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EDUCATION

Boston University | Boston, MA

May 2026

Bachelor in Computer Science, Minor in Business Administration & Management.

GPA: 3.82; Dean's list (2023-Present)

Curry College | Milton, Massachusetts

August 2022 - May 2023

Bachelor in Computer Science

GPA: 4.00; Dean's list (2022-2023)

Relevant Coursework: Tools for Data Science, Financial Accounting, Measuring Financial Value.

PROJECT EXPERIENCES

Amazon Movie Reviews Prediction Model

Fall 2024

- Designed and implemented an Amazon Movie Reviews Prediction Model in Python, utilizing TF-IDF, feature engineering, and data cleaning to improve the predicting accuracy of customer review scores.
- Applied machine learning techniques, including HIST Boost, to analyze textual and numerical data and predict scores, achieving 66% accuracy.

Boston Budgeting Correlation Project

Fall 2024

- Led a multidisciplinary team investigating complex budgetary datasets, aligning technical expertise with shared project goals to deliver actionable insights.
- Conducted correlation and regression analysis using Python to examine relationships between homelessness rates, housing budgets, and economic indicators, providing evidence-based policy recommendations.
- Presented a comprehensive analysis of findings to a panel of experts, showcasing data-driven insights, and visualizations to address socio-economic disparities and equity challenges.

Credit Card Fraud Detection Model

Fall 2024

- Built a robust credit card fraud detection model using Python, leveraging HIST Boost, feature engineering, and statistical modeling techniques to identify fraudulent transactions.
- Achieved 99% accuracy in classifying whether a transaction is false or not.

RELEVANT EXPERIENCES

Department of Computer Science | Boston University

September 2024 - Present

Course Assistant

- Tutor 150+ students on principles of probability such as conditional probability, recognizing various distributions of a data set, and finding expectations and variance through offline and online mediums and tools.
- Perform administrative duties such as taking attendance, facilitating communication between faculty and students, and grading assignments on time.

Welcome-Back Mini-Hack | Boston University

October 2023

Competitor

- Facilitated a cross-functional team of four in rapidly developing a Python-based website within a 6-hour timeframe. Created a platform capable of image analysis to determine recyclability.
- Utilized artificial intelligence vision, implemented a pre-trained machine learning model, and increased model accuracy through extensive data enrichment and additional training.
- Attained a 90% accuracy in material identification and predictive recyclability within a technological framework.

SKILLS, CERTIFICATIONS, LANGUAGES

- Skills:** Advanced Python, Intermediate HTML, Intermediate CSS, Intermediate JavaScript, Flask, Git, SQL, Microsoft Office, and Google Workspace.
- Certifications:** Google Data Analytics Professionals Certificate, 100 Days of Python, Business Analytics Fundamentals.