Viriyananda Susilo Tjiong

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EDUCATION

Boston University | Boston, MA   **May 2027**
Bachelor in Computer Science, Minor in Business Administration & Management.
GPA: 3.86; 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, Measuring Financial Value, Financial Accounting

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, is used to analyze textual and numerical data and predict scores.

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

Quorum AI   **November 2024 - Present**
Co-Founder
- Spearhead the expansion of Quorum AI's team from a 2-person founding group to an 11-member multidisciplinary team by identifying key roles and screening candidates that embody the company's culture and needs.
- Secure verbal commitments from over 10 companies to demo the product by identifying and reaching out to potential customers, leveraging market insights, and building relationships with key stakeholders
- Lead system design and ideation of innovation features, integrating primary and secondary research insights to develop customer-centric solutions such as multilingual documentation and AI-powered brainstorming tools.

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 communications between faculty and students, and grading assignments on time.

SKILLS, CERTIFICATIONS, LANGUAGES

- **Skills:** Advanced Python, Intermediate HTML, Intermediate CSS, Intermediate JavaScript, Advanced SQL, Flask, Git, Tableau, Microsoft Office, and Google Workspace.
- **Certifications**: Google Data Analytics Specialization, The Ultimate MySQL Boot camp, Business Analysis Fundamentals.