NICHOLAS PANJAITAN

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EDUCATION

University of Washington, Seattle   **Expected Graduation: *June 2025***
Bachelor of Arts in Finance and Information Systems
Minor: Data Science

Relevant Coursework: Data Analytics, Database Management, Data Structures & Algorithms, Networks & Cybersecurity, Business Finance, Business Economics.

PROFESSIONAL EXPERIENCE

UW Finance | Seattle, WA   *Apr 2024 – Present*
Financial Analyst & Audit
- **Analyze and cross-very financial reports,** including 1099-K, ensuring accuracy and compliance with regulatory standards; partner with Accounts Payable team to optimize financial processes.
- **Oversee the annual fiscal updates,** accurately maintaining and transitioning financial records to reflect new fiscal years, enhancing operational efficiency.
- **Audit and verify roles for the Finance & Accounting department** to ensure alignment with assigned responsibilities, leveraging advanced analytical tools to support data integrity and decision-making.

Time International | Jakarta, Indonesia   *Oct – Dec 2022*
Data Integration Intern, IT Back-End Team & Finance Team
- **Developed sales data parser** module for Chanel Indonesia E-commerce site with SAP backend integration, utilizing numpy and pandas to develop a key sales data parser module, enhancing efficiency and future transaction processes.
- **Streamlined data communication** between platforms, significantly enhancing operational efficiency for both Chanel Indonesia and Time International.
- **Facilitated Finance department operations** by assisting with comprehensive reports and meticulously recording meeting discussions, enhancing decision-making and strategic planning efforts.

PROJECTS

Heart Disease Mortality | Seattle, WA   *Apr 2024*
Advancing Heart Disease Risk Prediction on Clinical Dataset
- Implemented logistic regression, decision trees, and random forests predictive model that achieved 65% accuracy to analyze heart disease risk factors and mortality risks.
- Utilized Python libraries such as Pandas, Statsmodels, and Scikit-learn for data manipulation and visualization, model development, and performance evaluation

Stock Prediction Model for S&P 500 Companies | Seattle, WA   *Feb 2024*
Market Forecasting on S&P 500 Weekly Returns
- Developed a Linear Regression model using "yfinance" for predicting weekly return percentage of S&P 500.
- Enhanced model precision in forecasting stock price movements, validated by a low Mean Absolute Error (MAE), indicating high effectiveness in navigating market dynamics.

Project Apollo | Jakarta, Indonesia   *Aug 2023*
iOS Fitness and Lifestyle app enhancing health awareness through analytics
- iOS application featuring intuitive user interface and API integration for real-time fitness tracking, task management, nutritional analytics, and STEM news updates.
- Achieved significant user impact by improving dietary habits and statistical evidence on increased nutritional awareness.

SKILLS

Programming Language: MySQL, Python, Java, R, SwiftUI, HTML, CSS, JavaScript
Certifications: Google - Advanced Data Analytics, Meta - User Interface
Other Interests: Machine Learning & AI, Quantitative Finance, Nutrition & Fitness