

NICOLAAS DREANDACHRISTA

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SUMMARY

Final-year Information Systems and Technology undergraduate working across **financial data engineering**, **institutional transformation**, and **applied AI**. Built an **end-to-end control tower for 3,420 public World Bank IDA records**, supported core-banking data flows and technology-governance engagements at PwC, and developed an **award-winning fintech product** that placed 2nd among 940+ participants. Selected for a fully funded exchange at New York University, bringing proven international adaptability alongside Python, SQL, machine learning, and financial analysis experience.

EDUCATION

New York University

New York, USA

Global Engineering Education Exchange (GE3) Scholar

January 2026 – June 2026

- Selected among ~2% of applicants for a fully funded semester exchange program
- Relevant coursework: Corporate Finance and Financial Markets, Visual Foundation Studio

Institut Teknologi Bandung | School of Electrical Engineering and Informatics

Bandung, Indonesia

B.Eng., Information System & Technology

August 2022 – October 2026 (expected)

- Ranked #2 Most Outstanding Student; Dean's List, 3 consecutive academic years
- Relevant coursework: Database Modeling and Management, Data Structure Algorithm, Enterprise Architecture (Laboratory Assistant), Fundamentals of AI, Data Analytics

PROFESSIONAL EXPERIENCE

PricewaterhouseCoopers (PwC) South East Asia Consulting

Jakarta, Indonesia

Financial Services Strategy & Operations Team | Consultant Intern

September 2025 – December 2025

- Supported a core-banking transformation for a leading Indonesian bank with Rp150T+ in assets and 250+ branches, analyzing data flows, operating models, architecture, and processes.
- Contributed to a multi-year IT strategy for a Rp200T+ regional bank, assessing enterprise architecture, data governance, cybersecurity, and DevSecOps to strengthen resilience and modernization.

Altha Consulting

Jakarta, Indonesia

Digital & Technology Enablement Team | Consultant Intern

June 2025 – September 2025

- Migrated and validated 3,000+ enterprise-architecture components for the IT Strategic Plan of a Rp40T+ state-owned mining company, conducting cross-domain gap analysis and business-unit validation.

Daniel P. O'Reilly & Company (DPO&Co.) Consulting and Investing

Illinois, USA (Remote)

Investment Strategy Team | Consultant Intern

January 2025 – June 2025

- Analyzed a \$1.2B healthcare market and the SIEM landscape, informing a \$40M investment decision and identifying \$10–15M in whitespace; built a standardized M&A dataset of 120+ targets.

LEADERSHIP

ShARE ITB

Bandung, Indonesia

President | Part of ShARE Global Consulting Club (HQ in Paris)

July 2024 – July 2025

- Redesigned organizational operations, empowered leaders, and expanded regional partnerships, increasing audience reach by 300% and member satisfaction by 35% while strengthening access to consulting and leadership development under “Do Well, Do Good” mission.

SELECTED PROJECTS

IDA Financial Data Control Tower (WBG Prototype)

Jakarta, Indonesia

Independent Developer | [Live Demo](#) | [GitHub](#)

July 2026

- Engineered reproducible Python and SQL pipelines to ingest, transform, validate, and feature-engineer 3,420 public World Bank IDA commitment and disbursement records, combining financial controls, statistical process control, time-series features, and small-denominator safeguards.
- Trained segmented Isolation Forest models that consolidated 176 detector signals into 143 explainable alerts and detected all five controlled fault scenarios; built a FastAPI human-review workflow and documented an Azure target architecture using Bicep.

BRINK (Fintech Product)

Jakarta, Indonesia

Award-Winning Developer | [Live Demo](#) | [GitHub](#)

June 2024

- Developed and deployed an explainable funding-readiness navigator for Indonesian MSMEs using Next.js, React, TypeScript, and deterministic decision logic, integrating source-traceable financing comparisons, data-validation controls, and human-review workflows; evolved the product from customer research, financial modeling, and GTM strategy after placing 2nd among 940+ participants.

HONORS & AWARDS

3rd Winner, OCBC National Investment Competition (ONVic)

March 2025

1st Winner, Branding to Asia Case Competition by Brand Audit Group X Embassy of Finland-Singapore

December 2024

1st Winner, ShARE International Business Case Competition (IBCC)

February 2024

Gold Medalist, National Computing Olympiad

September 2021

SKILLS & LANGUAGES

Technical: Python (incl. Pandas, NumPy, scikit-learn), SQL, FastAPI, Next.js, React, TypeScript, REST APIs, SQLite, Git

Data Engineering & Applied AI: ETL/ELT, data validation and reconciliation, feature engineering, anomaly detection, statistical process control, time-series analysis, explainable AI, human-in-the-loop workflows

Cloud & Analytics: Azure architecture, Bicep, Power BI, Tableau, Advanced Excel, financial analysis

Languages: Indonesian (native), English (C1; IELTS 7.5)