BRYAN DALE

Computer Science Student · Artificial Intelligence · BINUS University

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Responsible, ambitious, and detail-oriented third-year Computer Science student at BINUS University (AI specialization, GPA 3.94) who balances full-time studies with co-owning and running operations at a China-to-Jakarta freight forwarder. Builds full-stack web, machine learning, and computer vision projects; co-author of an ICIMCIS 2026 paper. Seeking a software engineering (frontend, backend, or full-stack), data science, or machine learning internship.

EDUCATION

BINUS University — Bachelor of Computer Science (Artificial Intelligence) — Aug 2024 – Jun 2028 (Expected)
GPA: **3.94 / 4.00** · Dean's List 2025 — *Alam Sutera, Tangerang*

SMAK 1 PENABUR Jakarta — Senior High School — Jul 2021 – May 2024

EXPERIENCE

Pelita Cargo — Co-Owner & Business Development Manager — Nov 2025 – Present
China-to-Jakarta freight forwarder (sea & air), operating since 2000 — *Jakarta, Indonesia*

- Handle import customers end-to-end, from sea/air freight quotations and shipment coordination between China and Jakarta to delivery and payment follow-up.
- Drive customer acquisition independently, having personally sourced a significant portion of the current client base.
- Lead content strategy on TikTok, Instagram, and Threads (educational import series, price-comparison content) to build customer trust and explain the import process to prospects.

SELECTED PROJECTS

AlkesTrack — Medical Equipment Monitoring System | *Python, Django, PostgreSQL, openpyxl* — Live Demo | GitHub

- Built a Django app turning a supplier's Excel workbooks into a live medical-equipment monitoring system with role-based access, validated imports, and 8-stage delivery status; cut 3,500-row import time from 14s to **~1.5s**.

Property Listing Microservices — Listings Backend | *Java 17, Spring Boot, Spring Data JPA, Flyway, JUnit, Docker* — GitHub

- Built the user service and public API on a provided listing service; each service owns its data and they talk over REST.
- Avoided N+1 calls by batching owner lookups (2 requests per page), mapped downstream failures to clear 502/503 errors with 2s/5s timeouts, and wrote **29 JUnit tests**; runs with Docker Compose.

Pelita Track — Shipment Tracking Web App | *React, Vite, Supabase (PostgreSQL), Vercel* — Live Demo | GitHub

- Built a full-stack shipment tracking app from a real freight forwarder's workflow (public tracking page plus admin panel) on a live Supabase (PostgreSQL) backend, with pricing that mirrors real sea (per CBM) and air (per kg) rates.

GastroTMB — Gastric Cancer TMB Predictor | *Python, scikit-learn, pandas, Flask, JavaScript* — Live Demo | GitHub

- Built a Random Forest classifier predicting TMB-High/Low status from 10 mutated genes across ~774 patients pooled from 5 public gastric cancer cohorts (cBioPortal), reaching **0.82 balanced accuracy** (ROC-AUC 0.93), served as a bilingual Flask app.

FootFit — Non-Contact Foot Measurement System | *Python, OpenCV, NumPy · Team of 5* — Live Demo | GitHub

- Measures foot size from one smartphone photo with classical computer vision (**MAE 3.1 mm length / 4.2 mm width**); built the automated segmentation module (Gray World white balance, YCrCb thresholding, GrabCut).

More projects (TixConzer, Emotion Classification, Sinefolis Cinema Website) at bryandale.id and github.com/bryandalee

PUBLICATION

Heuristic-Augmented Denoising in Distant Supervision for Crypto Assets Named Entity Recognition Using IndoBERTweet-CRF
J. Davin, S. Anthony, **B. Dale**, C. Sompie, H. Lucky, R. Charisma — *Accepted at ICIMCIS 2026 (IEEE Technically Sponsored)* — Code

- NER pipeline for crypto assets in Indonesian tweets, using CoinGecko-based distant supervision and heuristic denoising; achieved **85.4% entity-level F1** (83.3% precision, 87.7% recall) on 1,461 annotated tweets with 5-fold cross-validation.
- Contributed to data collection, distant-supervision labeling, and heuristic denoising.

SKILLS

Programming: Python, Java, JavaScript, SQL, HTML/CSS
Frameworks & Libraries: Spring Boot, JUnit, Django, React, Flask, Java Swing, scikit-learn, OpenCV, pandas, NumPy
Tools & Platforms: PostgreSQL, Supabase, Docker, Gradle, Git & GitHub, Vercel, Figma
Soft Skills: Communication, Negotiation, Leadership, Teamwork, Time Management
Languages: Indonesian (Native), English (Professional Working Proficiency), Mandarin (Conversational)

AWARDS, CERTIFICATIONS & ACTIVITIES

Dean's List 2025 — School of Computer Science, BINUS University — Dec 2025
Microsoft Azure AI Fundamentals (AI-900T00-A) — Training Completion, Microsoft via GreatNusa — Mar 2026
Committee Member, Basketball Division — SMAKONECUP 2023, SMAK 1 PENABUR Jakarta — Jul – Nov 2023