

Bill Grandy Tunjung

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EDUCATION

BACHELOR'S OF COMPUTER SCIENCE

Sep 2023 — Present

Bina Nusantara University (GPA 3.77/4.00)

- Studied AI/ML engineering, data mining, and database technologies using Python, RStudio, RapidMiner, Excel, and SQL
- Published research paper titled "Analyzing Key LinkedIn Profile Factors for Securing Employment with Leading Roles" in IEEE's 2025 6th International Conference on Artificial Intelligence and Data Sciences (AiDAS).
- Relevant Courses: Data Mining, Database Technology, Scientific Computing, Machine Learning, Artificial Intelligence, Basic Statistics

EXCHANGE STUDENT

Mar 2026 — Jun 2026

Hanyang University, South Korea

- Studied in South Korea for a spring semester exchange program for computer science courses using Python
- Relevant Courses: Cultural Industry & Data Analysis, Information Security, Computer Graphics

PROJECTS

High-Profile LinkedIn Predictor | Python, Scikit-learn, Matplotlib, Seaborn

- Engineered an end-to-end ML pipeline on 1,800 LinkedIn profiles covering null handling, regex-based role labeling, BERT tokenization, and PCA reduction. Trained and evaluated Random Forest, Logistic Regression, Naive Bayes, and SVC models, achieving 70.7% accuracy with Logistic Regression
- Transformed unstructured LinkedIn text fields (summaries, job titles, descriptions) into structured 768-dim feature vectors via BERT embeddings for downstream classification inference

Handwriting OCR to Text | Python, OpenCV, TensorFlow, Keras

- Built an OCR pipeline combining TensorFlow/Keras and PaddleOCR (DBNet) for handwritten character recognition, achieving 65.9% accuracy on noisy datasets
- Developed a document understanding interface using YOLO-based layout parsing and OpenCV to extract and structure text from handwritten notes, deployed via Streamlit

WORK EXPERIENCE

TECHNICAL OFFICER

Sep 2025 — Jan 2026

BioCard

- Researched hardware components and development approach for a university IoT digital ID card project
- Designed and built a physical Arduino-based smart ID card; received excellent reviews from 30 respondents at a university business festival
- Conducted code and hardware quality assurance to ensure full product functionality prior to festival deployment

COORDINATOR OF CREATIVE MEDIA

Mar 2024 — Feb 2026

B-Preneur (Binus Entrepreneur)

- Increased video interaction in Instagram Reels by 50% compared to previous year
- Led the development and execution of multimedia campaigns to enhance organization visibility in campus, contributing to B-Preneur winning Best Organization of BINUS in academic year 2025/2026

SKILLS

Programming Languages: Python, C/C++, R

Web Programming: HTML, CSS, JavaScript, Node.js

Data & Analytics: SQL, Microsoft Excel, RapidMiner

Design & Media: Figma, Canva, Adobe Illustrator, Adobe Premiere, DaVinci Resolve

PUBLICATION

Analyzing Key LinkedIn Profile Factors for Securing Employment with Leading Roles

<https://ieeexplore.ieee.org/document/11213607>