

Michelle Christabela Ang

michelle.ang@binus.ac.id • +62 896 5527 5579 • [linkedin.com/in/michelle-christabela-ang](https://www.linkedin.com/in/michelle-christabela-ang) • github.com/mchristabela

Computer Science undergraduate at BINUS University focusing on Intelligent Systems, passionate about Artificial Intelligence, data analysis, and UI/UX design, with strong communication, collaboration, and adaptability skills.

EDUCATION

BINUS UNIVERSITY | Bachelor of Computer Science (Intelligent Systems) **2024-2028 (Expected)**

- GPA: 3.85/4.00

PROJECTS

VOLATILITY-BASED MARKET REGIME DETECTION ON EUR/USD | HMM, K-Means, GMM **Aug 2026**

- Trained HMM, K-Means, and GMM models to detect low- and high-volatility regimes in EUR/USD data
- Compared model outputs and authored the research paper draft

SMART ATTENDANCE SYSTEM | OpenCV, Haar Cascade, LBPH, HOG, XGBoost, FastAPI **Jun 2026**

- Built a real-time face recognition system using LBPH and HOG features with an XGBoost classifier
- Developed a FastAPI interface for face registration, live recognition, and automatic CSV logging

PLASTITRACE | PyQt5, OpenCV, PyTorch, ResNet18 **Dec 2025**

- Built a website for real-time plastic classification (PET, HDPE, PP, PS) using a ResNet18 model

PICVERSE | HTML, CSS, JavaScript **Aug 2025**

- Designed an interactive image-sharing prototype, applying HCI principles to navigation and user flows

EXPERIENCE

PUBLIC RELATIONS STAFF - BNCC (BINA NUSANTARA COMPUTER CLUB) **Feb 2026-Aug 2026**

- Created graphic design and video content to support organizational communication and event promotion
- Coordinated event preparations and equipment for TechUp 2026, supporting on-site operations

MEMBER - UREEKA **Jan 2025-Dec 2025**

- Completed weekly web/mobile development training; built a Flutter to-do list app

FRESHMEN LEADER & FRESHMEN PARTNER - BINUS UNIVERSITY **Aug 2025 & Aug 2026**

- Guided first-year students through orientation and mentored their community service projects

CERTIFICATIONS & ACHIEVEMENTS

- Microsoft Certified: Azure AI Fundamentals, Microsoft, 2026
- Finalist, Study 2 Challenge (NutriCart, budget-based nutrition shopping PWA), BSLC (BINUS Student Learning Community), 2025

SKILLS

- **Programming Languages:** Python, C, Java, JavaScript, SQL
- **AI & Data:** Machine Learning, Deep Learning, Computer Vision, Data Analysis
- **Libraries & Frameworks:** PyTorch, scikit-learn, OpenCV, XGBoost, pandas, NumPy, FastAPI, PyQt5, Flutter
- **Web, Mobile & Tools:** HTML, CSS, Android Studio, Git/GitHub, Figma
- **Spoken Languages:** Bahasa Indonesia (Native), English (TOEFL ITP: 550), Chinese (HSK 3)