

Oktavianus Samuel Minarto

Informatics Student | Aspiring Mobile Developer
Jalan Soekarno-Hatta, Malang | oktaavsm@student.ub.ac.id
linkedin.com/in/oktaavsm | github.com/oktavsm

PERSONAL PROFILE

Informatics Engineering student at Brawijaya University with a near-perfect GPA of 3.98/4.00 and a TELADAN Leadership Scholar. Currently an Official Laboratory Member at Information Centric Networking Laboratory. Strong foundation in programming, problem-solving, and analytical thinking. Experienced as a Laboratory Teaching Assistant for Programming Fundamentals (Java), actively supporting first-year students in mastering core programming concepts up to Object-Oriented Programming. Passionate about Software Engineering and Artificial Intelligence, with growing hands-on experience in Mobile Development using Kotlin and Android Studio. Known for clear communication, adaptability, and collaborative mindset through academic, organizational, and mentoring experiences. Highly motivated to continuously learn and build impactful, scalable technology solutions.

- Core Skills & Technical Competencies -

- Programming & Software Development
 - Java (Fundamentals, OOP)
 - Python (Basic scripting, data handling)
 - C++ (Basic algorithms & competitive programming exposure)
 - Kotlin (Android fundamentals)
 - Javascript (Basic backend)
- Computer Science Fundamentals
 - Logical Thinking & Problem Solving
 - Debugging & Code Analysis
 - Data Structure (arrays, basic recursion)
 - Algorithmic Thinking
 - Computer Networking
- Teaching, Collaboration & Communication
 - Teaching & Mentoring (Laboratory Teaching Assistant experience)
 - Clear Technical Communication
 - Teamwork & Cross-functional Collaboration
- Mobile & Application Development
 - Android Studio
 - Kotlin-based Android App Development (basic UI & Logic)
 - Networking (LoopJ & Retrofit)
 - Android Jetpack
- Data & Analytics
 - Exploratory Data Analysis (EDA)
 - Basic Data Visualization
- Tools & Productivity
 - Git (basic)
 - Microsoft Office (Excel, Word, PowerPoint)
 - Google Workspace
 - Canva
 - Figma
 - Notion

EDUCATION

Brawijaya University, Malang, Indonesia
Informatics Engineering Student, 2024 - Present

- *GPA : 3.98/4.00*
- *TELADAN Leadership Program Awardee (Tanoto Scholars), 2025*
- *Academic focus on Software Engineering, Programming Fundamentals, and Network & Internet.*
- *Actively involved in teaching assistance, competitive programming community, and student organizations.*

SMA Negeri 1 Sampit, Sampit, Indonesia

Highschool - Science Track, 2020-2023

- *National Science Olympiad (OSN) in Informatics Finalist, 2021*
 - *1st Place, IT Knowledge Competition – University of Darwan Ali, 2022*
-

EXPERIENCE

SMA Negeri 1 Sampit, Sampit, Indonesia*Informatics Olympiad Tutor (January 2025 – February 2025)*

Guiding high school students who will participate in the district-level national science olympiad (OSN) in informatics. I focus on understanding C++ programming, especially students' ability to read C++ programs. I became a tutor for 8 tutoring meetings. The materials I taught were input/output, if-else, looping, array, function and recursion. In addition, I provided simulation and reflection at the end of each session. *Selected Contributions:*

- Provided materials and taught basic C++ programming to 7 participants for 8 meetings.
- Tested and selected participants to become representatives of the informatics olympiad of SMA Negeri 1 Sampit

Faculty of Computer Science. University of Brawijaya, Malang, Indonesia*Laboratory Teaching Assistant - Programming Fundamentals (Java) (September 2025 – December 2025)*

Supporting first-year students in understanding core programming concepts up to Object-Oriented Programming (OOP), including polymorphism.

- Delivered and explained practical materials covering Input/Output, variables, control structures, arrays, methods, and OOP.
- Designed and developed programming exercises and lab assignments.
- Guided students in live coding sessions using Virtual Programming Lab (VPL) on Moodle with Safe Exam Browser.
- Assisted students in debugging, resolving errors, and applying best practices in Java programming.
- Facilitated interactive learning and encouraged collaborative problem-solving.

Faculty of Computer Science. University of Brawijaya, Malang, Indonesia*Laboratory Teaching Assistant - Operating System (February 2026 – Present)***Faculty of Computer Science. University of Brawijaya**, Malang, Indonesia*Laboratory Teaching Assistant - Introduction to Computer Network (February 2026 – Present)*

COURSEWORK & CERTIFICATION

Technical & Academic Coursework

Understanding the Internet (Blended Learning) – Keio University and APIE (Asia Pacific Internet Engineering Program)

Belajar Membuat Aplikasi Android untuk Pemula – Dicoding Indonesia

Belajar Back-End Pemula dengan JavaScript – Dicoding Indonesia

Belajar Dasar Pemrograman JavaScript – Dicoding Indonesia

Memulai Pemrograman dengan Kotlin – Dicoding Indonesia

Belajar Dasar AI – Dicoding Indonesia

Memulai Pemrograman Dengan Python – Dicoding Indonesia

Belajar Dasar Visualisasi Data – Dicoding Indonesia

Professional & Supporting Skills

Designing a Website for MSME Owners – Kariermu

Managing Effective Communication for Smooth Sale Process – Kariermu

Mastering Microsoft Excel for Online Admin Shop – Kariermu

Financial Literacy 101 – Dicoding Indonesia

VOLUNTEER & ORGANIZATIONAL EXPERIENCE

Information Centrik Network (ICN) Laboratory, Malang, Indonesia

Laboratory Member (Education Division)- Staff

Laboratory Intern Member - Internship

Basic Computing Community FILKOM UB, Malang, Indonesia

Competitive Programming Department - Staff

Creative Media Division - Media Partner Affairs

Competitive Programming Department - Internship

Center For Disabilities Service Brawijaya University, Malang, Indonesia

Disabilities Student Companion - Typist

Persekutuan Mahasiswa Kristen FILKOM UB, Malang, Indonesia

Anggota Komisi Pembinaan

Paskah PMK Daniel 2025 - Wakil Ketua Pelaksana

Camp Daniel 2025 - Ketua Pelaksana

Tanoto Scholars Association (TSA) Brawijaya, Malang, Indonesia

People Development Staff

Upgrading - Logistics Division Coordinator

AKSIS#1 - Logistics Staff