

# STANLEY PRATAMA TEGUH

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## ABOUT ME

I am an undergraduate student at Binus University with a strong passion for Artificial Intelligence and Data Science. Currently, I serve as a Manager in both BNCC's Learning and Training Division and HIMTI's First Commission, where I oversee academic programs and technical training. My involvement in these organizations has strengthened my leadership, teamwork, and project management skills. I am eager to apply my knowledge through internships, research, or collaborative projects, and I am also passionate about community service and initiatives that promote sustainability, diversity, and inclusion.

## EDUCATION

**Binus University** – Computer Science 2023 – 2027  
**SMAS K Kolese Santo Yusup** – Mathematics and Natural Sciences 2020 – 2023

## PROFESSIONAL EXPERIENCE

**Research Assistant** 2024 – Present  
*Bina Nusantara University*

- Contributed to 5+ AI research projects (Sentiment Analysis, Building Damage Detection, and Alzheimer's Disease Detection, and more) involving datasets of 100,000+ samples
- Conducted data preprocessing, model training, and evaluation to optimize machine learning and deep learning performance
- Independently led an AI research project on Decision Tree optimization, which was accepted for publication at ICCSCI 2025
- Designed and executed experiments to validate models, achieving measurable improvements in predictive accuracy

**Teaching Assistant** 2024 – 2025  
*Bina Nusantara University*

- Collaborated with fellow Teaching Assistants to prepare and conduct engaging lesson sessions
- Assisted 70+ students in coding assignments, debugging, and coursework, improving overall programming proficiency
- Co-taught 13 lesson sessions across 3 classes together with fellow Teaching Assistants, delivering structured and engaging instruction
- Provided constructive feedback on student projects to enhance skill development and problem-solving abilities
- Managed the computer laboratory to ensure a 100% functional learning environment during practical sessions

## ORGANIZATIONAL LEADERSHIP

**Learning and Training Division Manager & C Programming Trainer** 2024 – Present  
*Bina Nusantara Computer Club*

- Oversaw and managed 191 members across 5 technical classes (UI/UX Design, Frontend, Backend, C, and Java), a 260% increase in participation compared to last year (53 members, 2 classes)
- Implemented a new curriculum that resulted in 92 members completing certification, a 410% improvement from last year's 18 certified participants
- Supervised 6 trainers, 5 staff, and 13 activists, ensuring smooth operations and 97% on-time delivery of all sessions
- Designed and delivered C programming courses aligned with the newly developed curriculum, marking the first C class in BNCC Malang
- Taught 21 members through structured lessons and hands-on coding sessions, achieving a 38% certification success rate, which is 5% higher than the BNCC-wide average for C Programming classes
- Mentored students in problem-solving and debugging, improving their coding confidence and practical skills
- Developed growth strategies that expanded the division's impact and enhanced member career readiness in the tech industry through training and workshops such as LnT GitReady and LnT Incubator

**First Commission Manager (Academic Events & Responsi Division)** 2024 – Present  
*Himpunan Mahasiswa Teknik Informatika Binus University*

- Managed a team of 20+ activists to plan, execute, and evaluate academic events and initiatives
- Designed and delivered 5 major work programs, including company visits, a bootcamp, community service, and Digifest — the largest HIMTI Binus Malang event
- Managed 9 trainers across 5 classes (Discrete Mathematics, Linear Algebra, Program Design Methods, Algorithm & Programming, Basic Statistics) in the odd semester, and 6 trainers across 4 classes (Data Structure, Calculus, Scientific Computing, Human-Computer Interaction) in the even semester
- Designed and implemented the first-ever curriculum for the Responsi Program, establishing it as a pioneering academic support initiative for students
- Coordinated class operations and schedules to accommodate 100+ first-year members, ensuring smooth flow and availability
- Acted as the primary communication hub between students, trainers, and faculty, improving efficiency and responsiveness
- Developed and published event registration websites, streamlining sign-ups and data tracking
- Boosted student pass rates by 8% through structured mentoring and optimized scheduling
- Averaged 50+ participants per event, strengthening student engagement and academic growth

## VOLUNTEER EXPERIENCE

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### Website Developer Team Leader – *Pioneer*

- Led a team of 10 developers in the design, development, and deployment of a community tourism village website using the RAD SDLC methodology
- Contributed to an 8% increase in village tourism, supported by improved online visibility
- Achieved 95% positive feedback from community members for the project’s effectiveness and sustainability

### Team Leader – *Teach For Indonesia Campaign*

- Led a team to design and deliver an educational presentation on "AI vs. Corruption" as part of a community outreach program
- Taught and mentored 15 orphanage students, introducing them to AI concepts and ethical governance
- Fostered awareness and dialogue on the importance of technology in building transparency and accountability

## TECHNICAL SKILLS

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**Programming & Development:** C, Java, Python, Frontend & Backend Development, UI/UX Design

**AI & Data Science:** Machine Learning, Deep Learning, Sentiment Analysis, Computer Vision

**Web Development:** Website design, deployment, and maintenance (RAD SDLC, community projects)

**Curriculum Development:** Designed and implemented 5+ academic curricula, resulting in improved student outcomes and certification success

## LEADERSHIP & MANAGEMENT

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**Team Management:** Supervised teams of 20+ activists, 15+ trainers, and staff across organizations and projects

**Project Management:** Played a key role in the planning and execution of 10+ academic and community programs (workshops, competitions, bootcamps) for 50-300 participants

**Teaching & Mentoring:** Co-taught and trained 100+ students in programming and tech skills, with improved certification and pass rates

**Communication & Public Speaking:** Presented to diverse audiences through workshops, training sessions, and community outreach programs engaging over 100 learners

## CERTIFICATIONS

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**Belajar Dasar Data Science** – Dicoding Indonesia

[\[View Credential\]](#)

**LnT Backend** – Bina Nusantara Computer Club

[\[View Credential\]](#)

**Fundamental of Deep Learning** – NVIDIA

[\[View Credential\]](#)

**Teaching Assistant** – Bina Nusantara University

[\[View Credential\]](#)

**C Trainer Certificate** – Bina Nusantara Computer Club

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