Aura Kristian
AI and Robotics Enthusiast

Profile

A Computer Science student focusing in Artificial Intelligence, committed to continuous learning and skill development. A self-directed and motivated individual with the ability to work effectively in both independent and collaborative environments. My experience includes contributing to AI-focused projects, applying problem-solving skills, and collaborating with teams to develop innovative solutions.

Relevant Experience

Published a Computer Vision Research Paper
"Exploring the Impact of Image Downscaling Algorithms on Color Perception"
2024 International Seminar on Application for Technology of Information and Communication (iSemantic)

Lung Cancer Classification with Transfer Learning and Image Masking
Computer Vision Final Project, 3rd year
- Transfer Learning using DenseNet201(ImageNet).
- Methods: noise reduction, image masking, and data augmentation techniques.
- Tools: Python, TensorFlow, Scikit-Learn, OpenCV.

Healthcare and Forum Website
Web Programming Final Project, 2nd year
- Simple full-stack web application.
- CRUD Features: Patient registration, multi-threaded forum discussions, and responsive design.
- Tools: Laravel, MySQL, HTML, CSS, JS

More on my portfolio website.

Education History

Bilingual Diploma (International Baccalaureate)
SMA Sekolah Victory Plus | 2019-2022

Bachelor of Computer Science
BINUS University | Expected Graduation: July 2026
- Focus: Artificial Intelligence and Machine Learning
- Study Abroad Experience: Xi'an Jiaotong Liverpool University, China
- Current GPA: 3.78/4.0

Other Experience

Mentor at BINUS University(2024, 1st Semester),
Mentored fellow students on a few courses allowing me to strengthen my technical communication, leadership, and adaptability skills.

Contact Info

Click here for my portfolio website

in LinkedIn

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Relevant Skills

Technical Skills
- **Programming Languages**
  Python, SQL, HTML, CSS, JavaScript
- **Framework & Libraries**
  TensorFlow, Scikit-learn, ReactJS, Laravel, TailwindCSS
- **Domain Expertise**
  Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision, Web Development

Soft Skills
- Communication
- Leadership & Teamwork
- Problem Solving
- Analytical Thinking
- Time Management

Certificates

Certificate of Completion: Machine Learning A-Z by Kirill Eremenko
Udemy Online Courses | June 22, 2024