Kelvin Jonathan Yusach

Contact Information
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Relevant Links
Linkedin   : linkedin.com/in/kelvin-jonathan-yusach
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Objective
I am a data science undergraduate with a creative background in photography and visual design. I'm looking for opportunities in qualitative analysis, machine learning, and user centered design to create meaningful, tech driven experiences.

Education

BINUS University Kemanggisan: Sept 2023 - Sept 2027 (expected)
- GPA: 3,69
- Relevant Course: Machine Learning, Deep Learning, Database Technology, Data Mining and Visualization, Model Deployment
- Member of Bina Nusantara Computer Club (BNCC), 2023 - 2024
- Activist of Data Science Club (DSC), 2025 - present

Project Experience

PB Djarum Athlete Data Management System   1 Aug 2025 - 30 Sep 2025
- Built a web based data management system for PB Djarum badminton athletes (singles, doubles, and alumni). Designed features for CRUD operations, and filtering athlete data based on multiple requirements, with the ability to export data into Excel format. Implemented search functionality, data pinning for easier access during meetings, visualization options, and sticky notes for annotation. Faced challenges as PB Djarum initially had no centralized athlete database, with fragmented or undocumented records. Took initiative to gather and consolidate complete athlete data, from current players to alumni. Gained valuable experience in problem solving, team collaboration, and adapting to limited IT resources by proposing and deploying a practical solution. Learned additional soft skills and insights through meetings, events, and opportunities beyond the main scope of the internship.

Netflix Movies System Recommendation App   29 May 2025
- This was a group project where we built a real time movie recommendation app that suggests five similar titles based on a user's selected movie. I was responsible for designing the content based recommendation system, and through this project, I gained valuable experience in team collaboration and building user relevant systems through meaningful feature extraction.

Osteoarthritis Classification Using CNN   16 Apr 2025
- Built a convolutional neural network to classify osteoarthritis severity levels from medical imaging data. Faced long training times and required extensive trial and error to optimize performance. This project taught me the value of persistence and that meaningful results often come from sustained effort and continuous learning.

Team Productivity from clothing manufacturing company   14 Apr 2025
- Developed both sequential and functional deep learning models to predict team productivity scores based on various operational factors. Faced challenges in data preprocessing and model tuning to prevent underfitting and overfitting. This project deepened my understanding of model architecture and taught me the value of patience, persistence, and designing systems that enhance human efficiency.

Evolution of Netflix: Trends in Content Overtime   29 Nov 2024
- Explored and visualized Netflix content trends using Tableau. Focused on designing intuitive, user-friendly dashboards to communicate insights clearly—even to non-technical audiences. This project honed my creative thinking, user-centered design mindset, and public speaking skills through direct presentation to users.

Amazon-Like Website   29 Aug 2024
- Built a simplified Amazon-like e-commerce website using JavaScript, HTML, CSS, and a custom backend. Simulated real shopping experiences from product selection and checkout to delivery time scheduling and item customization. This project sharpened my frontend and backend integration skills, user flow thinking, and patience through trial and error development.

Certification		
	Data Science Short Course - Professor Widom's Instructional Odyssey	Sep 2024
	Dicoding - Memulai Pemrograman dengan Python	Nov 2024
	Dicoding - Belajar Dasar Structured Query Language (SQL)	Nov 2024
	Dicoding - Belajar Dasar Data Science	Nov 2024
	Dicoding - Belajar Machine Learning untuk Pemula	Des 2024
	Dicoding - Belajar Dasar AI	Des 2024
	Dicoding - Belajar Analisis Data dengan Python	Des 2024

Awards		
	1st place Photography Aku Kamu Kita Indonesia Kemenpora	2020
	1st place Lunar Photography IPEKA	2022

Extra Curricular Experience		
	Badminton	2018 - present
	Leader of IPTO Photo Community	2021 - 2022
	Performer of IPEKA musical performing arts "Please Dong Deh"	2023

Skills and Interest

Technical: Python (TensorFlow, PyTorch, Keras), Streamlit, FastAPI, OOP, R, SQL, Pyspark, Tableau, HTML, CSS, JavaScript, Cisco, C, Figma, Adobe (Photoshop, Premiere Pro, After Effect, Illustrator)

Languages: Indonesian, English

Interests: Badminton, Photography, Videography, Drama, Painting, Arts, Singing