Vincent Lukito

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Portfolio: https://lukito2002.github.io/Portofolio.github.io

SUMMARY

I am currently a computer science major pursuing further education through the "master track" program. I have a strong interest in the field of data, with a passion for data analysis, data mining, and data engineering. Additionally, I have a keen interest in web development. I am experienced in building machine learning models using Python and creating data visualizations with Matplotlib, Power BI, and Tableau. Currently, I am deepening my knowledge of SQL. I am a responsible individual with strong communication and time management skills, and I possess a strong desire to learn and grow.

EDUCATION

BINUS University   2023 – Present
Master's degree in computer science | GPA: 3.97

BINUS University   2020 – 2023
Bachelor's degree in computer science | GPA: 3.67

WORK EXPERIENCE

Central Bank of Indonesia (Report Management and Compliance Department – Jakarta)
Data Analyst Internship [Link]   *(*Feb 2023 – July 2023)
- Organized and processed data dashboards using data analysis techniques.
- Created mock-up dashboards for export and import trends on a monthly, quarterly, and annual basis using Power BI.
- Developed mock-up data dashboards for natural resources export receipts (DHE SDA) based on paying countries, currencies, and bank groups.
- Researched and analysed Bank Indonesia regulations for the Report Management and Compliance Department.

OTHER EXPERIENCES

BINUS University
Research Deep Learning Project - International Journal of Informatics and Communication Technology
*Title: "*Multilingual Hate Speech Detection using Deep Learning*"* [Link]   (Sep 2024 – Feb 2025)
- Authored a research paper titled " Multilingual Hate Speech Detection using Deep Learning," focusing on distinguishing between hate speech and non- hate speech.
- Utilized a multilingual large dataset of 16,000 labelled samples from various language sources.
- Applied text preprocessing techniques including case folding, stemming, and tokenization to prepare the data for analysis.
- Implemented two deep learning models: Bidirectional Long Short-Term Memory (Bi-LSTM) and M-BERT with data augmentation

Dashboard Using PowerBi – Project Streaming Music App [Link]   *(*Jun 2024 – Aug 2024)
- Designed the Entity Relationship Diagram (ERD) and star schema for a business intelligence analytics solution tailored to a music streaming application.
- Performed ETL (Extract, Transform, Load) processes using Pentaho Data Integration to prepare and load data into a data warehouse.
- Developed interactive dashboards in Power BI to visualize key performance metrics such as user activity, song popularity, and streaming trends.

Health Application and Web Project [Link]   (Feb 2024 – Jul 2024)
- Developed detailed application prototypes using Figma, focusing on user interface and user experience design to ensure intuitive and user-friendly navigation.

- Designed and implemented web interfaces using HTML, CSS, and PHP, ensuring responsive design and cross-browser compatibility for optimal user experience across different devices.
- Collaborated with a multidisciplinary team using Agile development techniques, facilitating efficient communication and iterative progress through regular sprints and stand-up meetings.

ORGANIZATIONS & VOLUNTERING

BIMBEL – TFI Student Community
TFI Student Community (TFISC)   (Sep – 2023)
- Volunteered as a mathematics teacher for 5th-grade students, providing tailored instruction to enhance their understanding and performance in mathematics.

Escort - International Collegiate Programming Contest CPC 2022
Himpunan Mahasiswa Teknik Informatika (HIMTI)   (Nov – 2022)
- Accompanying ICPC 2022 Participants in competition, work with other proctors when they need help, and communicate with ICPC 2021 participants

Freshman Partner and leader at Bina Nusantara University   (Sep – 2021)
- Opportunity to join organizations in Bina Nusantara and take on the role of a freshman partner that companion for freshmen during the first year of college

CERTIFICATES

Generative AI – Alibaba Cloud Academy [Link]   (Feb – 2024)
- Completed a specialized certification program in Generative AI, focusing on the principles and techniques for creating AI models capable of generating new content.
- Studied advanced generative models, including Generative Adversarial Networks (GANs), Variational Autoencoders (VAEs), and other state-of-the-art approaches.

ACA Cloud Computing Certification- Alibaba Cloud Academy [Link]   (Sep – 2023)
- Completed a comprehensive certification program in cloud computing, focusing on Alibaba Cloud services and infrastructure.
- Gained in-depth knowledge of cloud computing principles, including cloud architecture, cloud security, and cloud storage solutions.

Fundamental Deep Learning by NVDIA [Link]   (Jun – 2022)
- Completed an in-depth course on the fundamentals of deep learning, covering essential concepts and techniques used in the field.
- Studied various deep learning architectures, including convolutional neural networks (CNNs), recurrent neural networks (RNNs), and fully connected networks.

SKILLS

Python	Advanced
Power BI	Advanced
SQL	Expert
PHP	Intermediate

PORTFOLIO

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