

EBENHAISER JONATHAN CAPRISIANO

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Summary

Master of Computer Science graduate from Bina Nusantara University with a strong foundation in Natural Language Processing (NLP), Machine Learning, and Software Development. Experienced in developing web-based applications, IT infrastructure support, and hybrid embedding models for text classification. Published research on deep learning methods for hate speech detection in Scopus-indexed journals. Proficient in Python, PHP, and modern frameworks like Bootstrap, with hands-on experience deploying functional systems to improve business operations and user experience.

Education

Bina Nusantara University Sep. 2022 – July 2024
Master of Computer Science Jakarta, Indonesia

Bina Nusantara University Sep. 2019 – Apr. 2023
Bachelor of Computer Science Jakarta, Indonesia

Experience

PT.Morita Tjokro Gearindo Feb. 2022 – Aug. 2022
IT Support Intern Jakarta, Indonesia

- Provide IT support to ensure office infrastructure meets workplace needs, assisting employees with computer-related issues.
- Build server hardware to meet business industry demands, including constructing new servers capable of accessing data from damaged database drives.
- Utilize Microsoft Excel for processing business tax information and managing datasets for business servers.

Projects

POS System for Laundry Administration | *HTML, CSS, JQuery, PHP* Nov. 2024

- Developed a Web-Based POS Application for laundry business administration, enabling CRUD operations and efficient data management (customer, admin, and orders).
- Utilized HTML, Bootstrap, jQuery, PHP, and MySQLi database, with deployment on the XAMPP server environment.
- Demonstrated expertise in building functional, user-friendly web applications to support business operations.

Tumpang Sari Doa Web | *Bootstrap, HTML, CSS, JavaScript* June 2024

- Appointed as a frontend developer to design and build a website for Tumpang Sari Doa accommodations.
- Developed the website using the Bootstrap framework with HTML, CSS, and JavaScript.
- Enhanced the marketing efforts by providing comprehensive information about the property.
- Designed the website to be user-friendly across various platforms, including computers and smartphones.

Technical Skills

Programming Languages: Python, SQL (PostgreSQL/MySQLi), PHP, C/C++, HTML/CSS, JavaScript

Machine Learning Tools: TensorFlow, Scikit-Learn, nltk

Libraries: Pandas, NumPy, Matplotlib, FastText, GloVe, TF-IDF

Web Development: Bootstrap, Laravel, jQuery, PHP, XAMPP

Developer Tools: Google Cloud Platform, VS Code, Eclipse, DevCPP, GitHub

Other Skills: Data Analysis, NLP, LSTM/BiLSTM

Publication

Bulletin of Electrical Engineering and Informatics (BEEI) June 2024
Classifying possible hate speech from text with deep learning and ensemble on embedding method Scopus Q3 Journal

- DOI: <https://doi.org/10.11591/eei.v13i3.6041>

Certificate

Web Programming Dec. 2024
Credential ID T2.57.WPR.KT.02.03.240975 Central Jakarta Regional Workforce Training Center

ACA Cloud Computing Certification Aug. 2023 – Aug. 2025
Credential ID IACA01230800098425L Alibaba Cloud