

# EBENHAISER JONATHAN CAPRISIANO

Jakarta, Indonesia

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## Summary

I graduated with a Master of Computer Science from Bina Nusantara University, Indonesia. I pursued a bachelor's degree in computer science starting in 2019 and subsequently participated in the Bina Nusantara University Master Track program to obtain my master's degree. My research interests include text classification, emotion detection, and text mining. Additionally, I am passionate about Natural Language Processing (NLP) and Machine Learning.

## 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 Staff 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

**Hybrid Word Embedding** | *Python, Hybrid Embedding, BiLSTM* Dec. 2023 – Jan. 2024

- Developed a natural language processing program for text classification, focusing on identifying offensive content in social media.
- Utilized Python and TensorFlow Keras to build and train the model.
- Achieved improved F1 Macro scores across three datasets by leveraging the hybrid embedding approach.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

**QuickTask Web** | *Azure, PHP, Laravel* July 2023

- Developed a simple web-based application to help users manage and monitor daily tasks and activities.
- Enabled the application to categorize tasks into three priority levels with due dates input by users.
- Designed the application to store user tasks efficiently.
- Built the web-based application using the PHP framework Laravel.

## Technical Skills

**Languages:** Python, C/C++, SQL (Postgres), HTML/CSS, PHP  
**Developer Tools:** Google Cloud Platform, VS Code, Eclipse, DevCPP  
**Libraries:** Pandas, NumPy, Matplotlib, nltk, TensorFlow, ScikitLearn

## 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

## Certificate

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

**Certificate of Acknowledgement as Author** Apr. 2024  
*Classifying possible hate speech from text with deep learning and ensemble on embedding method* BEEI