Nabhan Nabilah

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SUMMARY

I am a passionate and driven final-year Statistics student, eager to explore career opportunities in the field of Data Science and Artificial Intelligence. My keen interest is directed towards an internship with a project-based focus, particularly in the development of machine learning models. My expertise lies at the intersection of statistics, machine learning, and deep learning, complemented by my certification as a TensorFlow developer—one of the most widely used deep learning libraries in the industry. I have hands-on experience particularly in the creation of a matchmaking algorithm, text classification using IndoBERT and another machine learning algorithm for data analytics. This experience has further solidified my practical understanding and application of machine learning principles.

EDUCATION

Universitas Negeri Semarang   **August 2021 – Present**

Final Year Student Majoring in Mathematics, Study Program Applied Statistics and Computation Student (D3)
GPA 3.93/4.00

- Understanding the statistics used for analytics in industry; descriptive and inferential statistics, hyphotetical testing, forecasting, CRISP-DM, statistics quality control (SQC).
- Executed several projects aligning with the aforementioned skills, such as Categorizing Boston Housing with Linear Discriminant Analysis, Wine Classification using KNN, Personality Clustering using Kmeans, Network Intrusion Detection System using MLP, and Sale Forecast using Holt Winter Exponential Smoothing, building U chart to control defect product in textile defect dataset.
- Demonstrated capability in web development through the creation of a Mental Health Survey accessible at the following link: bit.ly/statistics-mental-health.
  Tools for Website Development:
  - Front-end: HTML, CSS, JavaScript
  - Back-end: PHP, MySQL database
  - Data Processing: Python
  - Descriptive Report: Streamlit

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka   **February 2023 – July 2023**

Machine Learning Path

- Acquired in-depth knowledge and practical skills in machine learning, deep learning, and related technologies, with a strong emphasis on utilizing TensorFlow in Python.
- Applied machine learning algorithms, data analysis techniques, and deep learning frameworks within the TensorFlow ecosystem to solve complex problems and develop innovative solutions.
- I made significant contributions to the Capstone Project called MasTour (github.com/mas-tour), an innovative tourism application. As a machine learning engineer, my role involved developing and implementing a matchmaking feature that accurately matches users with tour guides who share similar interests and preferences to enhance the travel experience. Our achievement is being selected as one of the top 68 Capstone Projects.

INTERNSHIP EXPERIENCE

Assistant Product Database Intern   **3rd July 2023 – 31st July 2023**

BLOOM Outdoor Möbel

- In charge of making BOM (Bill of Material), adding new furniture collections or customized furniture, and uploading product pictures in the company's cross-platform relational database application called BOSS.
- Successfully optimized the process of adding colour variants for new furniture by utilizing the macros function in Google Sheets.
- Participated in stock opname for the third quarter of 2023 by creating a spreadsheet for inventory counting and entry the data.
- Checked and updated the stock of furniture materials, released job traveller, and created shipment schedules based on sales orders.

CERTIFICATION

Tensorflow Developer Certification   **December 2023 – December 2026**

Cerificate ID: 88459110
Credential Link: https://scl.io/NDeKs3c

TOOLS

Python | Tableau | SQL Basics | Microsoft Office | Google Workspace

ORGANIZATION

Core Team Google Developer Student Club UNNES   **August 2023 – Present**

Academy division – Machine Learning learning path

- Master of Ceremonies (MC) for Info Session Event
- Collaborated with core team members to design and structure the curriculum for the Machine Learning learning path.

English Debating Society (EDS) UNNES   **October 2021 – November 2023**
Vice coordinator of competition division
- Registered EDS members for AEO 2022 and IESCO 6.0 and also in charge of contacting the competition committee.
- Widen the relation of EDS UNNES by joining Central Java Debating Community.
- Semifinalist at UHT English Debating Competition.

COMITEE EXPERIENCE

Indonesian Paper Competition (IPC) 2022   **April 2022 – September 2022**
The staff of event division
- Make a guidebook for the competition.
- Guide the technical meeting.

Asian Debating Championship (ADC)   **January 2022 – May 2022**
The staff of treasurer division
- In charge of making Budget Plans (RAB), Income-Outcome Reports, and Financial Reports in form of spreadsheets.
- Negotiated with BAKK staff and disbursed 80% of the funds submitted in the proposal.
- Managed finances and got a profit of IDR 1,339,700 which was donated for the benefit of the organization.

Congress of Mathematics English Club (MEC)   **December 2021 – January 2022**
Treasurer
- In charge of making Budget Plans (RAB) and Financial Reports in form of spreadsheets.
- Coordinate with Treasurer from HIMATIKA for the disbursement of funds.

PUBLIC SPEAKING

MC of SSC Goes to School 2022 | MC and Moderator of MIPA Research School 2022 | MC of Pekan Ilmiah Mahasiswa MIPA 2022 |
MC of GDSC Info Session Event 2023

COURSES AND WORKSHOPS

- **Intro to Data Analysis Skills: Data Visualization**   **December 2021**
  (a workshop by Narasiodata)
- **Intro to Data Analytics**   **January 2022**
  (a 2-weeks mini online course by RevoU)
- **Tableau Training**   **January 2023**
  (a course by Simplilearn)
- **Belajar Dasar Visualisasi Data**   **February 2023**
  (a course by Dicoding)
- **Memulai Pemrograman dengan Python**   **February 2023**
  (a course by Dicoding)
- **Mathematics for Machine Learning**   **March 2023**
  (a course by Imperial College London)
- **Machine Learning**   **April 2023**
  (a course by Stanford University, DeepLearning.AI)
- **Developer TensorFlow DeepLearning.AI**   **May 2023**
  (a course by DeepLearning.AI)
- **Structuring Machine Learning Projects**   **May 2023**
  (a course by DeepLearning.AI)
- **TensorFlow: Data and Deployment**   **May 2023**
  (a course by DeepLearning.AI)
- **Belajar Dasar Data Science**   **September 2023**
  (a course by Dicoding)
- **Belajar Dasar Structured Query Language (SQL)**   **September 2023**
  (a course by Dicoding)