



MUCHAMMAD BASROIL BILLAH

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Sidoarjo, Jawa Timur

Undergraduate Informatics Student who highly motivated to be an data analyst, always enthusiastic about learning and developing new skills, particularly in the application of machine learning algorithms for data analysis and decision making. With a strong desire to continuously grow, I am committed to delving deeper into Computer Literacy and contributing to innovative projects.

Education Level

Universitas Pembangunan Nasional "Veteran" Jawa Timur - Surabaya

Aug 2022 - Present

Undergraduate Informatics

- GPA : 3.91/4.00 (4th semester).

SMA Hangtuah 2 Sidoarjo - Sidoarjo

Science and Nature

- Apart from academics, I am also active in the Intra-School Student Organization (OSIS) as Deputy Chair.
- Active in several extracurriculars such as Basketball and Band.

Training and Courses

DBS Foundation Coding Camp 2024

May 2024 - Jul 2024 (Expected)

- The focus is on learning coding skills and fostering entrepreneurship, with an emphasis on Python, machine learning, and data visualization.

DataCamp

Nov 2023

- Primarily focused on data science, programming, and analytics, with an emphasis on Python, data engineering, SQL, R programming, machine learning, and data visualization.

Organisational and Comitte Experience

Himpunan Mahasiswa Informatika (HIMATIFA) - UPN "Veteran" Jawa Timur

Mar 2024 - Present

Head Of Public Relation Department

- Lead, monitor, and evaluate periodically a division of 4 members to make them actively involved on the work programs held by the organization.
- Providing a platform for more than 300 members of computer science engineering students to engage in impactful activities for them to access additional resources, internship opportunities, and professional networks.
- Conceptualize, plan, and undertake 5 work programs which will be held in a year.

Himpunan Mahasiswa Informatika (HIMATIFA) - UPN "Veteran" Jawa Timur

Apr 2023 - Mar 2024

Member Of Public Relation Department

- Successfully Intertwine an relationship with diverse communities.
- Organize the internal community relationship for more 40 persons.
- Held program named "Safari Kampus" in order to make a relation with external community

Study Excursion with PT.Telkomsel & Dinas Kominfo - HIMATIFA

Nov 2023

Chairman

- Coordinated a committee which contains more 44 members to do service for this event.
- Successfully managing the bilateral cooperation and Creating a good relationships with PT. Telekomunikasi Seluler and Dinas Kominfo.
- Exceeding the expected target, this event has successfully attracted 59 participants.

Studi Visit with HMA WIDYASTANA (UPN "Veteran" Jawa Timur) - HIMATIFA

Jun 2023

Chairman

- Build relationships within the campus community as the chief executive of the study visit event.
- Collaborate with partners to design and conceptualize the event.
- Coordinate and manage the event execution to ensure it runs smoothly and successfully, delivering the expected outcomes.

Projects

Website Profile

Feb 2024

Web Programming

- Developed a personal profile website featuring a brief bio and experiences.
- Built the website using HTML and CSS.
- Deployed the website using Vercel for public access.

Application Of Naive Bayesian For Ranking Activities At The Faculty Of Ict, Semarang University

Dec 2023

Computational Statistics Course Project

- Successfully applied classification using the naive bayes algorithm.
- Perform data processing using statistical techniques, including data processing, selection of significant variables, and data cleaning
- Created a prediction program based on the data that has been processed in the Python programming language using Google Collab tools.

Final Project Employee Data Processing Bubble Sort And Jump Search

Dec 2023

Advanced Programming Course

- Carry out the process of managing and storing the Employee Database using the Python programming language with the tools used are Google Collab.
- Implement a jump search algorithm in an array sorted by employee names.
- Implement the bubble sort algorithm to sort the array based on employee names.
- Displays the salary resume for each group based on employee name after going through several data processing processes.

Structured Query Language (SQL For The Islamic Boarding School System Database

Dec 2023

Advanced Database Course

- Creating A Database With A Case Study On Islamic Boarding School Students Data.
- Performing Insert, Select, Update, Delete, Where Operations.
- Using Logical Operators And, Or, Not.
- Performing Between And Not Between, Like And Not Like, In And Not In, Order By, Select Distinct, Group By, Exists And Not Exists, Having, Union, View Operations.
- Performing Join Operations.

Skills

- **Hard Skills:** Data analysis, Data Visualization, Data cleaning, Spreadsheets, Website/Application Design, Programming Languages (Python, SQL, C, C++, HTML, CSS), MS. Office (Ms. Word, Ms. Excel, Ms. Powerpoint).
- **Soft Skills:** Leadership, Communication, Decision Making, Project Management, Team Management, Problem Solving, Teamwork.
- **Software:** My SQL, Star UML, Jupyter Notebook, Google Collab, PyCharm+, Big Query, Looker Studio, Power Designer, Visual Studio Code, Raptor, Figma, XAMPP, Photoshop, Canva.
- **Language:** Bahasa (Native), English (Intermediate).