







Denta Bramasta Hidayat

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<https://dentabramasta.com/> 

Passionate software engineer and website developer, a final-year student at Institut Teknologi Sepuluh Nopember and pursuing a double degree at Fontys University in ICT Software Engineering. Proficient in diverse programming languages, dedicated to creating innovative, user-friendly websites. Eager to contribute technical skills and creativity to dynamic projects, committed to continuous learning, and excited to make meaningful contributions to software engineering and website development.

Skills

Full-Stack Website Development

ReactJS | Laravel | Javascript | HTML | CSS | Bootstrap | Tailwind | Typescript | PHP | MySQL | SQL | PostgreSQL | Java | Spring Boot | Vue | RESTful Webservice | SSH Client | Docker | Wordpress

Version Control & Project Management

Git | Bash | GitHub | GitLab | Notion | Jira | Trello

Graphic & Project Management

Adobe Photoshop | Adobe Illustrator | Figma | Canva | Microsoft Excel | Microsoft Word | Microsoft Power Point | Star UML | Miro | Vertabelo | Lucidchart | Google Sheet | Google Slides

Others Programming Languages & Framework

C | C++ | Python | YoloV5 | Swift | Kotlin

Education

AUGUST 2020 – CURRENT

Informatics / Institut Teknologi Sepuluh Nopember, Surabaya

Majoring in Informatics at Institut Teknologi Sepuluh Nopember (ITS). Specializing in computer science, data analysis, and information systems. Key coursework covers programming, software engineering, and database management. Combining theoretical knowledge with practical skills for a future in technology and innovation.

Website <https://www.its.ac.id/> | Level in EQF EQF Level 6 | Grade 3.71 | National classification S1

SEPTEMBER 2023 – CURRENT

ICT Software Engineering / Fontys University of Applied Science, Eindhoven

Double-degree student in ICT Software Engineering at ITS and Fontys University, Eindhoven. Blending theoretical and practical aspects for a comprehensive understanding of software development.

Website <https://www.fontys.nl> | Level in EQF EQF Level 6 | Grade Unknown | National classification HBO

Work Experience

MAY 2022 – CURRENT

Senior Lab Administrator / Algorithm and Programming Laboratory, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia

Managing a laboratory in Informatics at Institute Teknologi Sepuluh Nopember, I oversee the efficient operation of our cutting-edge facility. Passionate about fostering a dynamic learning environment, I strive to create a space where students can explore, innovate, and excel in the realms of algorithms and programming. Committed to the advancement of technology education, I work collaboratively to ensure our laboratory remains at the forefront of academic excellence and research.

DECEMBER 2022 – NOVEMBER 2023

Researcher and Fullstack Developer of Tower 2 ITS / Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia

Dually contributing as a researcher at Tower 2, ITS, and a skilled website developer, I specialize in pioneering research in Tower 2 ITS and crafting sophisticated, user-centric websites integrated with Human Detection. My commitment to innovation and proficiency in both domains positions me as a valuable asset. Excited to bring a blend of research acumen and technical expertise to propel Tower 2's initiatives forward.

OCTOBER 2022 – MARCH 2023

Website Developer Intern / IMT Atlantique, Nantes, France

Interned as a Website Developer at IMT Atlantique, Nantes, France, from October 2022 to March 2023. Spearheaded CMS configuration, managed hosting/cPanel, and crafted impactful Instagram layouts. Contributed to website development, honing skills in web development, and gaining practical insights into CMS management and social media strategies.

JULY 2022 – MARCH 2023

Fullstack Developer / Airlangga University, Surabaya, Indonesia

On this occasion, my team collaborated with the BEM KM Faculty of Medicine UNAIR to create a "Buku Hijau" website to assess new Unair medical students. Made it use laravel and tailwind.

JULY 2022 – JUNE 2023

Teaching Assistant of Basic Programming and Data Structure IUP 2022 Class / Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia

As a dedicated Teaching Assistant at Institut Teknologi Sepuluh Nopember, I had the privilege of guiding and mentoring students in the Basic Programming and Data Structure IUP course in 2022. In this role, I facilitated a dynamic learning environment for budding programmers, introducing them to the fundamentals of C and C++ language including data structure concept. Passionate about fostering a global perspective, I conducted classes entirely in English, providing students with a comprehensive understanding of both programming principles and language proficiency.

JULY 2021 – JUNE 2022

Teaching Assistant of Basic Programming and Data Structure IUP 2021 Class / Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia

As a Teaching Assistant at Institut Teknologi Sepuluh Nopember, I am passionate about guiding IUP 2021 students through the intricacies of Basic Programming class for 6 Months and Data Structure class for the next 6 Months. Fluent in English, I deliver comprehensive materials that bridge the gap between theory and application. Proficient in C and CPP, I utilize these programming languages to impart a deep understanding of data structures, preparing students for real-world challenges in the dynamic field of technology.

Latest Research

NOVEMBER 2023

Classroom Usage Monitoring System with Student Attendance Image Processing Case Study: Tower 2 ITS / Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia

In the realm of the educational environment, effective classroom management acts as a link in creating a conducive atmosphere for productive learning. This paper introduces an innovative approach that aims to reshape the classroom management landscape through the integration of human detection technology, driven by the YOLO (You Only Look Once) algorithm. Recognizing the critical role of classroom dynamics in shaping student engagement and learning outcomes, incorporating real-time object detection capabilities offers a promising avenue for enhancing traditional classroom management practices.

Head of Research Prof. Dr. Diana Purwitasari, S.Kom., M.Sc.

Language Skill

Mother Tongue(s) **INDONESIAN**

Other Language(s):

	Understanding		Speaking		Writing
	Listening	Reading	Spoken Production	Spoken Interaction	
ENGLISH	B2	B2	B2	B2	B2

Additional Information

On Progress Learning

Advance Kotlin | Advance Swift | Microservice | Advance Artificial intelligence | Data Analysis | Internet of Things (IoT)

Hobbies & Interest

Full stack Website Development | Grapich Design | Videography | Photography | Basketball | Traveling World

Additional Resources

[LinkedIn](#) | [GitHub](#) | [GitLab](#)