



HUSNI ABDILLAH

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Mandailing Natal, Sumatera Utara

I am a Computer Science student at IPB University, recognized for academic excellence as the top graduate in the Outstanding Student category at MAN 1 Mandailing Natal. My experience in competitive events, particularly in mathematics and computer science, has honed my creativity, effective communication skills, and problem-solving abilities. My flexibility and adaptability allows me to thrive both independently and within teams. Additionally, I have a keen interest in the fields of robotics, competitive programming, and web development.

Education Level

Institut Pertanian Bogor - Bogor, Jawa Barat

Jul 2023 - Jun 2027 (Expected)

Bachelor's Degree in Computer Science, 3.91/4.00

- Participants of the second stage selection of ONMIPA 2024 at IPB in the field of mathematics.

MAN 1 Mandailing Natal 📍 - Panyabungan, Sumatera Utara

Jul 2020 - May 2023

Senior High School in Natural Science Major, 93.51/100.00

- Consistently achieved parallel first place in six consecutive semesters.

Work Experiences

Lubis Computer - Panyabungan, Sumatera Utara

Nov 2022 - Dec 2022

Industrial work practice

Lubis Computer is a store that sells various electronic devices. Additionally, the store also accepts requests for CCTV installation and repairs of various electronic devices. I underwent an industrial work practice (internship) at Lubis Computer to fulfill the requirements of the final semester project in the Multimedia Skills department at MAN 1 Mandailing Natal.

- Created and developed social media content plans.
- Promoted products on social media.
- Repaired various electronic devices.
- Installed CCTV in various locations.

Proton Catalyst - Bogor, Indonesia

Oct 2023 - Present

Tutor

PROTON is a tutoring institution that assists PKU students at IPB University in excelling in fundamental courses at an affordable price, offering quality education and ample facilities. Its motto "Catalyst your best product" signifies PROTON's commitment to maximizing the potential and academic performance of PKU students during the General Competitive Education period.

- Taught tutoring sessions in Mathematics and Logical Thinking (MBL) and Calculus courses.

Organisational Experience

Competitive Programming - Bogor, Indonesia

Nov 2023 - Present

Member

- Learned algorithms, data structures, and problem-solving techniques using the C++ programming language

IPB Robotic Club - Advanced Research Lab, IPB Dramaga

Oct 2023 - Present

Member

- Learned and implemented Arduino programming language to control dance robot movements, ensuring synchronized and precise choreography execution.

IPB Web Development Community - Bogor, Indonesia

Oct 2023 - Present

Member

- Learned the basics of web development including HTML, CSS, and JavaScript, covering front-end, back-end, and full-stack development, as well as various database software.

Rohis Al-Miftahul Jannah - Mandailing Natal, Sumatera Utara

Nov 2021 - Oct 2022

Head of Da'wah Section

- Explored and practiced methods of conducting Islamic outreach (da'wah).
- Prepared events to commemorate religious holidays, such as Isra and Mi'raj and the Prophet's Birthday.

Skills, Achievements & Other Experience

- **Achievements** 🏆 (2022): Finalist of the Olimpiade Sains Nasional (OSN) in Mathematics
- **Achievements** 🏆 (2022): 2nd Place of the Olimpiade Sains Nasional Tingkat Provinsi (OSN-P) in Mathematics
- **Achievements** 🏆 (2022): 1st Place of the Olimpiade Sains Nasional Tingkat Kabupaten (OSN-K) in Mathematics
- **Achievements** 🏆 (2023): Gold Medal of the International Kangaroo Mathematics Contest (IKMC) 2023
- **Achievements** 🏆 (2023): Silver Medal of the Komodo Math Competition 2023
- **Achievements** 🏆 (2022): Silver Medal of the 6th ASEAN Student Science Olympiad in Mathematics
- **Achievements** 🏆 (2023): 1st Place of the UPY Mathematics Competition Universitas PGRI Yogyakarta
- **Achievements** 🏆 (2022): 1st Place of the Senior High School Olympiad (SHSO) IBBI University in Mathematics
- **Achievements** 🏆 (2023): 1st Place (Gold Medal) of the Big Bang Competition 2023 in Mathematics
- **Achievements** 🏆 (2022): 3rd Place of the Mathematics Challenge Universitas Lambung Mangkurat
- **Achievements** 🏆 (2022): 3rd Place (Gold Medal) of the Telkom University Competition in Computer
- **Achievements** 🏆 (2022): 2nd Place of the Olimpiade Sains Nasional Global Youth Action #3 in Mathematics
- **Achievements** 🏆 (2022): 1st Runner-up of the Kompetisi Matematika (KOMET) XII Universitas Jambi
- **Achievements** 🏆 (2022): 1st Place (Gold Medal) of the Indonesian Olympiad of Numeracy (ION)
- **Achievements** 🏆 (2022): Silver Medal of the Ibn Khaldun National Mathematics Competition (INMC) Universitas Ibn Khaldun Bogor
- **Achievements** 🏆 (2022): 1st Place (Gold Medal) of the Olimpiade Sains Indonesia (OSI) POSI in Mathematics
- **Achievements** 🏆 (2021): 3rd Place of the Lomba Matematika Exponent Himmatfest 2021 BINUS University
- **Achievements** 🏆 (2022): 3rd Place of the Schoters National Students Competition (SNSC) 2022
- **Achievements** 🏆 (2021): 3rd Place (Gold Medal) of the Olimpiade Update Festival IV in Mathematics
- **Achievements** 🏆 (2021): 1st Place of the Ajang Kompetisi Sains (AKSi) LOPI in Mathematics
- **Achievements** 🏆 (2021): 1st Runner-up of the Kompetisi MIPA Soedirman (KMS) Universitas Soedirman in Mathematics
- **Achievements** 🏆 (2021): 3rd Place of the MEC I Olimpiade Matematika SMA Himatika ITERA Competition Institut Teknologi Sumatera
- **Achievements** 🏆 (2022): 2nd Runner-up of the Kompetisi Matematika (KOMET) XXI UIN Maulana Malik Ibrahim Malang
- **Achievements** 🏆 (2021): Silver Medal of the Math Competition Paket Hari Ilmiah (PHI) ke-XX Universitas Islam Malang
- **Achievements** 🏆 (2021): 2nd Runner-up of the Olimpiade Matematika UIN Sunan Ampel Surabaya
- **Achievements** 🏆 (2021): Silver Medal of the Superstar Science Olympiad (SSO) in Mathematics
- **Achievements** 🏆 (2023): Bronze Medal of the National Math Sprint Competition 2023 by Kalbis Institute & Eduka System
- **Achievements** 🏆 (2022): 1st Place (Gold Medal) of the Kompetisi Pra KSM se-Sumatera Utara
- **Achievements** 🏆 (2022): 2nd Place of the Olimpiade Tingkat SLTA se-Tabagsel UIN Syekh Ali Hasan Ahmad Ad-Dary Padangsidempuan in Mathematics
- **Achievements** 🏆 (2022): Silver Medal of the Insight Yudhistira Competition in Mathematics
- **Achievements** 🏆 (2022): 1st Place of the Kompetisi Sains Madrasah Tingkat Kabupaten/Kota (KSM-K) in Integrated Mathematics
- **Achievements** 🏆 (2021): 2nd Place of the Kompetisi Sains Madrasah Tingkat Kabupaten/Kota (KSM-K) in Integrated Mathematics
- **Achievements** 🏆 (2021): 1st Place of the Olimpiade Matematika Institut Agama Islam Negeri Padangsidempuan
- **Achievements** 🏆 (2020): 3rd Place (Gold Medal) of the Madrasah Olympiad Contest (MOC) 2020 Edisi 3 in Mathematics
- **Achievements** 🏆 (2022): Finalist of the National Programming & Logic Competition Universitas Ciputra
- **Achievements** 🏆 (2022): Finalist of the 4th Eduversal Mathematics Competition
- **Achievements** 🏆 (2021): Finalist of the Kompetisi Sains Ruangguru 2021 in Mathematics
- **Achievements** 🏆 (2022): Finalist of the Kompetisi Sains Ruangguru 2022 in Mathematics
- **Webinars Attended** 🎧 (2024): IWD Bogor 2024 by Google Developer Students
- **Webinars Attended** 🎧 (2023): LEGETO : Let Your Dream be Your Wings to Go Studying Overseas
- **Webinars Attended** 🎧 (2022): INFINITICS 6 Computational Workshop: "Computational Workshop with Narasio Data" by Universitas Pelita Harapan
- **Interest** (2024): Competitive Programming and Mathematics
- **Projects** (2023): RayCalculator
- **Soft Skills**: Problem-solving skills, creativity, innovative thinking, time management, good communication, and teamwork.
- **Hard Skills**: C++, HTML, CSS, Python, Microsoft Office, Google Workspace, Canva, and Adobe Photoshop.