

RICHARD HANS

+62 813-1199-6558 | rchardhans@gmail.com | richard.hans001@binus.ac.id
www.linkedin.com/in/richardhans18

PROFILE

Computer Science student working with data science, AI, and machine learning, utilizing Python, Java, and SQL. Actively involved in social impact initiatives, emphasizing adaptability and time management. Looking to apply technical knowledge to contribute to projects that drive meaningful change and improvement.

EDUCATION

Binus University International | Computer Science Major

SMA TUNAS BANGSA | *Science Major*

- Grade : 9/10
- Achievements :
 - Best in Computer Class 2024
 - Best Science Affair Project 2024
 - Best in Computer Class 2023

WORK EXPERIENCE

Lions Club | Associate

- Led the successful coordination of a home renovation project, securing funding through two years of organized fundraising efforts.
- Collaborated with Leo Club Plein De Vie to execute high-impact food distribution and fundraising initiatives, benefiting underserved communities.
- Spearheaded diverse community service projects, demonstrating a strong commitment to social impact and community development.
- Managed volunteer teams and oversaw project logistics, ensuring efficient execution and maximum reach for local initiatives.

Awards

- Top 100 Students On International Science Qualification Olympiad (ISQO) | Math Subject
 - Qualified into the finals, and achieved to be the top 100 out of 45.846 participants.
- Math Gold Medalist On Olimpiade Siswa Nasional
- 1st Place English Competition Hosted By (PTN) Universitas Sumatera Utara
- English Competition Gold Medalist On Kompetisi Sains Pelajar Indonesia
- Math Competition National Level Gold Medalist On Prisma Olympiad Festival
- Math Gold Medalist On ISSC (Indonesian Student Science Competition)
- Math Gold Medalist On NESO (National Earth Science Olympiad)
- 1st Place Math Competition Hosted By (PTN) Universitas Sumatera Utara
- [Full List](#)

Projects

Extracting and Visualizing Stock Data | IBM

- Created a reusable function for visualizing stock data, improving financial analysis clarity.
- Utilized yFinance and web scraping techniques to gather historical stock data and revenue figures for Tesla and GameStop.
- Produced detailed stock graphs for Tesla and GameStop, effectively illustrating market performance and revenue trends.

Java Bank Management System Project | Upenn

- Designed and implemented a comprehensive banking application using Java, focusing on core functionalities such as account management, transaction processing, and user authentication.
- Utilized object-oriented programming principles to create modular and maintainable code, ensuring scalability and ease of future enhancements.
- Conducted thorough testing and debugging to ensure system reliability, resulting in a user-friendly interface and improved customer experience.

Data Analysis Project | IBM

- Analyzed large datasets to extract actionable insights using IBM Watson, enhancing decision-making processes for a local nonprofit organization.

AI Implementation | IBM

- Developed and implemented AI models to improve customer service efficiency, resulting in a significant reduction in response times.

Cloud Solutions Development | IBM

- Collaborated on a project to design and deploy cloud-based solutions using IBM Cloud, facilitating better data management and accessibility for clients.

Courses

- AI For Business *By Upenn*
- Fintech: Foundations & Applications of Financial Technology *By Upenn*
- Financial Markets (with Honors) *By Yale*
- IBM AI Foundations for Business *By IBM*
- IBM Data Science *By IBM*