

Minh Duy Do

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EDUCATION

University of Alabama at Birmingham

Bachelor of Science in Computer Science

Birmingham, AL

Jan. 2025 – April 2028

Ho Chi Minh City International University

Bachelor of Computer Engineering

Thu Duc, HCMC

Jan. 2022 – Dec. 2024

EXPERIENCE

Academic Tutor

University of Alabama at Birmingham

Sep. 2025 – Present

Birmingham, AL

- Delivered individualized tutoring in math, computer science for freshmen through UAB TRIO Academic Services
- Strengthened students' conceptual understanding, problem-solving skills, and academic confidence
- Adapted teaching strategies to each student's needs, supporting academic success and a strong college foundation

Member

Ho Chi Minh City International University

Dec. 2022 – Dec. 2024

Thu Duc, HCMC

- Active member of IU Security, participating in cybersecurity competitions and hands-on security activities
- Collaborated with team members to strengthen skills in ethical hacking, analysis, and problem-solving
- Practiced ethical hacking techniques, including vulnerability analysis and attack simulation

AI Labeling

Translated

Nov. 2024 – Dec. 2024

Latium, Rome

- Delivered localization solutions using a hybrid approach of expert human translators and machine intelligence
- Supported 360,000+ global customers with scalable, high-quality translation services
- Provided curated language tools and workflows to ensure accuracy, consistency, and efficiency
- Enabled efficient, accurate global communication across diverse languages and markets

PROJECTS

EXOFOREST | *Python, Flask, React, Docker*

Oct. 2025 – Dec. 2025

- Built ExoForest, a Random Forest-based ML system to classify exoplanets using NASA Kepler, K2, and TESS data
- Implemented a full data pipeline: preprocessing, feature selection, class balancing, scaling, and model optimization
- Achieved strong classification performance, identifying key features such as planet radius and orbital period
- Developed an interactive web app for data upload, EDA, and real-time predictions

UVita | *React Native, Firebase, Bootstrap, Git*

July 2024 – Oct. 2024

- Users gain immediate access to information about UV exposure, allowing them to make informed decisions regarding sun safety
- By providing timely alerts about high UV index levels, UVita helps users take proactive measures to protect their skin, reducing the risk of damage and long-term health issues like skin cancer
- By empowering users with knowledge, UVita encourages safe outdoor experiences, promoting a healthier lifestyle while enjoying nature
- The application raises awareness about UV radiation and its potential effects on skin health, fostering a more informed public

TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: React, Node.js, Flask, WordPress, FastAPI

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib