

BAO (ALDEN) NGUYEN

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EDUCATION

The University of Adelaide <i>Bachelor of Computer Science (Advanced), Major in Artificial Intelligence</i>	Adelaide, South Australia Expected July 2026
Recipient of the Global Citizens Scholarship ; Cumulative GPA 6.83 / 7.0	
Le Quy Don High School for the Gifted <i>Specialised in Computer Science — Competitive Programming</i>	Da Nang, Vietnam May 2023

RESEARCH EXPERIENCE

Undergraduate Researcher <i>Australian Institute for Machine Learning (AIML), University of Adelaide</i>	Adelaide, South Australia March 2025 – Present
Current project: Human Motion Synthesis - Completed two prior exploratory projects on Visual Counting and Motion Sensor Fusion	

HONOURS & AWARDS

The Executive Dean's Recognition of Academic Excellence <i>Issued by Faculty of Sciences, Engineering, and Technology</i>	Adelaide July 2025
Excellence Award for Outstanding Academic Achievement in Principles of Economics <i>Top 1 of 350+, Issued by School of Economics and Public Policy</i>	Adelaide May 2025
Global IQ Connect Award — The University of Adelaide <i>Professional development in cultural intelligence; adaptability & bias awareness</i>	Adelaide April 2024
Top 15 Nationally — Youth Informatics Contest <i>Organised by Ho Chi Minh Youth Union</i>	Da Nang April 2023
Second Prize — Municipal Science & Engineering Fair, Technical Science <i>Organised by Da Nang Ministry of Education and Training</i>	Da Nang December 2022

PROJECTS & EXPERIENCES

Project Leader — Early Dyslexia Diagnosis Study & Supporting System <i>Le Quy Don High School for the Gifted</i>	Da Nang Aug 2022 – Mar 2023
- Engineered an eye-tracking module producing graphical representations of eye movements, instrumental in diagnosing dyslexia. - Built a mobile application with customised learning and progress-tracking modules to support children's developmental journey. - Designed a comprehensive assessment questionnaire to quantify dyslexia levels for more personalised learning strategies.	
Project Leader — Team Memoka, Youth-on! Hackathon 2021 <i>Organised by UNICEF Vietnam</i>	Da Nang Apr 2021 – Jun 2021
- Designed and developed an interactive flashcard application for learning English. - Implemented progress tracking, instant feedback, and decks customised to the user's proficiency level.	
Executive Committee — Young Creation Club <i>Le Quy Don High School for the Gifted</i>	Da Nang Jul 2021 – Jul 2022
Steered a high-school technical club and grew its Facebook outreach page to over 6,000 followers.	
Senior Patrol Leader — Dinh Bo Linh Troop <i>Pathfinder Scout Vietnam</i>	Da Nang Mar 2018 – Mar 2021
- Led development and soft-skills training for a troop of 20+ scouts over 3 years, achieving marked gains in leadership and communication. - Collaborated with patrol leaders, scoutmasters, and parents to deliver successful troop activities.	

SKILLS

Tools & Languages PyTorch • Python • C++ • Node.js • Git
Technical Sensor Fusion • Motion Tracking • LLMs • Diffusion • Reinforcement Learning • Computer Vision • Statistical Analysis