Bui Duc Quang

PROFILE

Hard-working and curious student in creating a better world for all. Interested in topics such as Computer Science, Artificial Intelligence, and Quantum Computing. Wanting to become an entrepreneur in the field of Technology.

EDUCATION

American International School Vienna   August 2025 - Present
47 Salmannsdorfer, 1190 Vienna, Austria

The Dewey Schools   August 2017 - May 2025
Starlake Urban Area, Bac Tu Liem, Hanoi, Vietnam
IB MYP: Year 5: 57/63 (4.67 W)
                    Year 4: 39/42 (3.8 UW)

ACADEMIC ACHIEVEMENTS

Student of the Month, *The Dewey Schools*, 2017 - 2024
Scholarship Awardee ($100,000+), *The Dewey Schools*, 2022 - 2027

Gold Medalist, *World Robot Contest Festival International Finals*, 2024
Top 0.5% Contestant, *International Kangaroo Mathematics Contest*, 2019 - 2024
Silver Medalist, *Asian Science and Mathematics Olympiad*, 2019 - 2023
Bronze Medalist, *Thailand International Mathematics Olympiad*, 2022

Outstanding Delegate, *Nguyen Sieu Model United Nations*, 2024
Top 3 & Youngest-ever Participant, *International Trade Challenge*, 2022

5 Scorer, *AP Computer Science A*, 2025
5 Scorer, *AP Precalculus*, 2025
4 Scorer, *AP Physics 1*, 2025

ATHLETIC ACHIEVEMENTS

Nationals Player, *Hanoi Basketball Team*, 2023 - Present
U16 Champion, *Vietnam Basketball Association 3x3 Tournament*, 2025
National Team Trainee, *Vietnam U16 National Team Training Camp*, 2025
Varsity Player, *The Dewey Schools Basketball Team*, 2021 - 2025
Varsity Player, *AIS Vienna Basketball Team*, 2025 - Present

Varsity Swimmer, *The Dewey Schools Swimming Team*, 2021 - 2023
Bronze Medalist, *Lan Song Xanh Swimming Competition*, 2022
Second Place, *Aquaman Duathlon Race*, 2022
10/18000 Finisher, *Long Bien Marathon*, 2023
Only Teenage Finisher, *Viettel Fastest 10KM Sub-1 Challenge*, 2023

EXTRACURRICULARS

TedX Speaker, *The Dewey Schools*, 2025

- Gave a speech on the topic "[How to ethically abuse AI](#)"
- Discussed about the uses of AI and how we can use it to benefit us
- Encouraged the school board to allow AI usage

Founder & President, *Dewey Coding Club*, August 2024 - Present

- Planned a 30-lesson curriculum for over 30 students participating in the club
- Taught 20 beginner-level students Python and Scratch to introduce them to the basics of programming
- Helped more advanced students build their own products following the procedures of the design thinking process
- Produced alumni with products helping the school community

President, *Dewey Scholarship Hunting Club*, August 2024 - Present

- Helped 70+ students achieve their dream university and scholarships
- Built profiles for students by reviewing profiles and suggesting activities
- Connected with over 100 schools and programs for workshops and seminars
- Grew the largest school club with 52 members and 600+ event participants

Grade Representative, *Dewey Student Council*, August 2021 - May 2025

- Communicate with the council to find the best solutions for the grade
- Announce information to all the students about upcoming events and changes
- Host meetings with class representatives to sort out each class' current situation
- Propose ideas and solutions to the student council for implication

Founder & Coordinator, *Dewey Basketball Club*, July 2023 - Present

- Managed all activities of the basketball club notably media and logistics
- Arranged meetings with the school and basketball leagues to discuss
- Hosted basketball-related events such as merchandises and summer camps
- Grew the media to become one of Vietnam's most followed high school basketball team/club

PROFESSIONAL EXPERIENCE

Full Stack Engineer Intern, *Jammy*, July 2025 - Present

- Assisted in building a Google Colab notebook using AI code generation tools
- Worked on creating GPT prompts for automation tasks
- Gained experience in the early development phases of an AI-driven project
- Part of the VenturEd S25 batch

Technical Intern, *Rayfields System*, July 2025 - September 2025

- Researched energy workflows, find pain points, and design UI in Figma
- Built a basic data pipeline, clean real data, and map the userflow
- Developed an AI module and integrated it into a webapp with Zapier and React
- Part of the Harvard TECH Program '25 batch

Marketing Executive Intern, *BiPlus Software Solutions JSC*, June 2023 - August 2023

- Handled professional accounts on LinkedIn and Twitter (X)
- Posted carousels, threads, and long-form content related to the tech industry
- Organized and led meetings through procedures of the Scrum framework
- Designed graphics and presentations to serve meetings with partners and leads
- Contributed market researches that helped landing Samsung as a client

ENTREPRENEURIAL EXPERIENCE

Chief Operations Officer, *Zyra*, May 2025 - Present

- Built Zyra, a webapp that helps user create ML models with ease
- Applied Scrum framework to the process and improved productivity by 50%
- Directed intern hirings and pulled over 2,000 applicants
- Designed the UI/UX of the entire product

Founder, *Duck Quang LLC*, June 2023 - September 2024

- Built a personal brand on Twitter (X) to 1,500 followers
- Established an email newsletter of 500 subscribers
- Monetized with the coaching and info product business model
- Built and operate sales funnels for both inbound and outbound

RESEARCHES

"Reinforcement Learning-based solution for Traffic Signal Control: An Alternative Rewarding System", *American International School Vienna*, September 2025 - Present

"How does the number of qubits in a quantum algorithm affect its ability to solve a simple optimization problem compared to a classical algorithm?", *The Dewey Schools*, March 2025 - May 2025

"The Future of Automobile: An analysis of Electric Vehicles, Hybrid Vehicles, and Conventional Gasoline/Diesel Vehicles", *The Dewey Schools*, October 2024 - November 2024

"Discussing the effects of height on basketball players' rebounds per game: A linear regression analysis", *The Dewey Schools*, November 2023 - December 2023

SKILLS

- Java, Python, HTML, CSS, JavaScript, React, PyTorch, TypeScript, Git
- Figma, Canva, CapCut, Final Cut Pro
- AI Engineer, AI Automation, Prompt Engineer, Machine Learning, Vibe Coding
- English, Vietnamese, Spanish, German