Nhật Minh **Đinh Huy**

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Right to work in UK & EU

Portfolio

dhnm.dev/

Skills

Eager & Efficient Learner

Programming Languages
HTML, CSS, JavaScript,
TypeScript, Swift, Python,
C++, Java

Data
MySQL, MongoDB, GraphQL

Tools and Technologies
Git, Docker, Google Cloud,
Firebase, Unity, Godot Engine

Frameworks
React (Next, Remix, Gatsby),
Node, Express, Nest,
Tailwind, TensorFlow, Qiskit,
Django, Flask

Others
API Design, CI/CD,
Database Design,
Performance Optimization

Languages

English (Fluent)
Czech (Native)
Vietnamese (Native)
German (Basic)

Interests

Pickleball, Physics,
Board Games, Cinema,
Food & Nutrition, Cycling

Awards

Talent of the Year in Science
Wikipedia Certificate
Best Student

Summary

I am a highly motivated computer science graduate with a passion for software engineering. I always strive to make an impact with my work. My interests also extend to machine learning and quantum computing. I have a track record of developing impactful solutions and achieving success in hackathons. I am detail-oriented and enjoy tackling difficult problems with software. I am multilingual and thrive when working collaboratively as part of a team.

Education

Bachelor of Science in Computer Science   *2024*
Newcastle University

Projects

Suite of Analytical Apps and Tools for vain.zone
Developed a comprehensive analytical website, integrating complex database structures & aggregations, chatbots, third-party extensions, real-time collaboration features, and caching and performance optimization strategies to align with resource constraints.

Native Mobile App for PORGMUN Conference
Created an iOS app to facilitate Model United Nations conferences, featuring real-time and location-based updates and interactive tools for participants. Maintained and evolved the app for the successive conference editions.

Website for Sítko Festival
Designed and developed a responsive website for a university drama festival, featuring brand-aligned animations and optimized image serving for various screen types. Managed the site from inception to post-festival, reflecting changing requirements at the each stage.

Professional Development

Hackathons
Accenture Hackathon, Newcastle — 1st Place (Team)
Optimizing unseen codebase for maximum energy efficiency.

CodeBrew Hackathon, Brno — 2nd Place (Solo)
Multiplatform GUI & Game Development with Python.

Programming Olympiad Regional, Chomutov — 3rd Place (Solo)

Scott Logic Hackathon, Newcastle: Created Swarm Adversarial Game AI
Game Jam, Newcastle University: Created a 3D game using Godot Engine
McKinsey Hackathon, Prague: Team Leader for a location-based project

Conferences & Workshops
Kiwi.com JavaScript Weekend, Prague
React workshops and networking. Submitted "one of the best" solutions.

Youth Conference, European Economic & Social Committee, Brussels — Winning Proposal
Represented Czechia and engaged in discussions on the future of European policies, broadening my understanding of socio-economic impacts on technology and innovation. Co-authored the winning final proposal.

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Local Newspaper Writing
Writing articles for the local newspaper (Kadaňské noviny).

Competitive Learning History
A rich and long history of both solo and team competitions in many disciplines, requiring rapid and vast acquisition of skills and knowledge and successfully applying them in competitive environments.

Experience

Data Entry Intern
VYCERRO Research Centre, Ústí nad Labem
- Producing high quality research summaries
- Updating and filling the database of regional institutions

Computer Technician
Metro-Bar, Karlovy Vary
- Managed the setup and maintenance of computer systems, ensuring reliability and optimal performance for business operations.
- Gained hands-on experience with hardware troubleshooting and network maintenance.

Leadership, Volunteering & Community Engagement

Volunteer, Rescued Animals Farm V Pravljici, Slovenia
Actively participated in eco-conservation efforts, contributing to sustainable farming practices and environmental awareness.

Volunteer & Intern, Prague Pride
Supported the Marriage Equality Campaign through various tasks including surveying and office errands, demonstrating a commitment to community service.

Computer Science Society Committee, Newcastle University
Organized social, technical, and industrial community events for peers, leading initiatives to promote technical skill development and community engagement.

Community Manager & Organizer for Vainglory
Managed a community of players, producing content, graphics, and organizing tournaments. Liased funding, venues, and negotiated with many stakeholders.

Brand Identity for Gymnasium Caadanense - Winning Proposal
Designed the winning brand identity and guidelines for the publishing company.

Tutoring
Provided peer tutoring and tutored children in the community.

Music Teaching at Elementary School
Engaged young pupils in alternative music education at a local school.