Dinh Huy Nguyen

Portfolio: https://dinhhuy.passgenix.com/

With a deep passion for science, with expertise related to AI, Data, and skills related to Remote sensing and GIS, I am currently looking for Doctoral, Masters or related positions.

Education

Danang university of Science and Technology (DUT)

Faculty	:	Water Resource Engineering
Major	:	Informatic Construction
Year	:	Graduated (2023)
Graduation Thesis	:	(Scored: 9.6/10, Ranked: 1) , Link

Research Interests

Computer Vision, Machine Learning, GIS, Remote Sensing, Climate Change, Water Resource Management

Research Experiences (Projects)

1   N.D.Huy, N.L.A.Minh, P.T.Hung, "application of artificial intelligence and blockchain in automatic architecture design in construction," Da Nang University of Science and Technology, Da Nang City, 2/2023

2   N.D.Huy, N.L.A.Minh, P.T.Hung, V.N.D.Phuoc, "Hydrology mobile application ecosystem," Da Nang University of Science and Technology, Da Nang City, 3/2022

3   N.D.Huy, N.L.A.Minh, P.T.Hung, V.N.D.Phuoc, "Evaluation of Machine Learning and Deep Learning models for drought forecasting using weather data.," Da Nang University of Science and Technology, Da Nang, 2/2022.

4   N.D.Huy, N.L.A.Minh, P.T.Hung, V.N.D.Phuoc, "Build mobile application using Artificial Intelligence to forecast drought.," Water Resource Engineering Faculty, Da Nang, 2/2022.

5   N.D.Huy, N.L.A.Minh, P.T.Hung, V.N.D.Phuoc, "Building mobile applications in Agriculture using Artificial Intelligence and Remote Sensing.," Da Nang University and Da Nang City, Da Nang, 8/2021.

6   N.D.Huy, N.M.Thang, P.T.Hung, V.N.D.Phuoc, N.Q.Binh, " using GIS and AI to build mobile applications to help people respond to natural disasters.," Da Nang University of Science and Technology, Da Nang City, 12/2020.

7   N.D.Huy, V.N.D.Phuoc*, L.N.Anh, N.N.Long, V.N.Duong, "Assessment of the applicability ability of low impact development to for Flood cutting in a city in Vietnam," The international Conference on modern mechanics and applications ICOMMA 2020, Ho Chi Minh City, 2/2020

8   N.D.Huy, V.N.D.Phuoc, "Using SWMM and GIS software to evaluate the influence of rain garden on urban drainage.," Water Resource Engineering Faculty, Da Nang, 12/2019.

Work Experiences

DataHouse Asia : link
Position: SalesForce Developer and Full-Stack Data Engineer
From June 2022 until Present

Passgenix Solutions: link
Position: Co-founder & Team Management
From: 2022 until Present

The Rike: link
Position: Co-founder & Technology Business Development
From: 2023 until Present

Skills

Technical skills: AppSheet, Excel, HTML/CSS, JavaScript, Python, SQL, AWS Quicksight, Tensorflow, Salesforce, System Architecture, Database Design, AWS
Other skills: Problem Solving, Teamwork, Time Management, Business Development, Graphic Design, Communication.
Professional Certificates:
1. Funix Machine Learning
2. Data Analyst
3. Google Data Analytics
4. Salesforce Certified Platform Developer 1

Honors and awards: [certificate link](#)

International

1 First prize of the international programming contest UAVS Hackatrix 2021 in New South Wales, Australia.News: *[VOV](#) | [Nhandan.com](#) | [Doanthanhnien](#) | [Daihocdanang](#) | [Vietnamplus](#) | [ThanhGiong](#) | [TienPhong](#) | [See more...](#)*

National

2 Consolation prize of Vietnam AI and Blockchain Programming Contest 2023 - Oraichain Hackathon.News: *[Doanthanhnien](#) | [Facebookshare](#)*

3 Consolation of National Scientific Research Award 2021 – 2022.

Da Nang City

4 First prize of the Da Nang Startup Runway competition 2021. News: *[due.udn.vn](#) | [tuoitredhdn](#)*

5 Consolation Prize of Da Nang Science Research Student 2021. News: *[dut.udn](#)*

Da Nang University

6 Second prize in the Technology Innovation Startup Competition at the University of Danang in 2021. News: *[udn.vn](#)*

7 Two Final awards for students Scientific Research at the University of Danang 2020 – 2021 and 2021 – 2022.

Da Nang University of Science and Technology

8 One Best Presentation Second Prize, Two Technical Second Prizes, and One Technical Third Prize were awarded in the student competition for Danang University of Science and Technology's scientific research and technology exhibition BK-TechShow from 2020 to 2022. News: *[danang.gov.vn](#) | [dantri](#)*

9 Second prize in the Hult Prize startup competition at DUT 2021. News: *[baodanang](#)*

Faculty of Water Resource Engineering

10 One First Prize, Two Second prizes and Two Technical Prizes at faculty level of student Science Research competition at Danang University of Science and Technology in from 2020 – 2022.

Activities

International
1. The IHP training Course in Asia and Pacific Region 2020, Kyoto University. *[kyoto-u.jp](#)*
2. SATU Mobility Action For Regional Talents 2020, National Cheng Kung University. *[ncku](#)*

Da Nang University of Science and Technology
3. Participation & Excellent Contributions in Hugo Staff 2018-2020, Da Nang University of Science and Technology. (Social Media Leader) *[Hugoenglish](#)*
4. In recognition of completion of Learning Express 2019, Da Nang University of Science and Technology + Singapore Polytechnic University. (Leader) [learningexpressindut](#)

References

Assoc. PhD. Vo Ngoc Duong, Faculty of Water Resource Engineering, *[scv.udn.vn](#)*
PhD. Pham Thanh Hung, Faculty of Water Resource Engineering, *[scv.udn.vn](#)*