

CURRICULUM VITAE

1. Personal

Name : DOAN VU THINH

Date of Birth : 24. 06. 1984

Age : 39

Nationality : VIETNAM

Position: Junior lecturer/Researcher

Address:

Office Faculty of Information Technology, Nha Trang University,
02 Nguyen Dinh Chieu Street, Nha Trang City, Vietnam

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Tel. & Fax +84914949195

Residence Vietnamese



2. Profession

Researcher 2008 – present

Technical manager at VoGia Automation (<http://vogiaautomation.com>) 2018 – present

Assistant teaching

Acting as a support to the teacher when working at department of Automatic Electronics. Contributing to the delivery of teaching and tutorials for students 2008 – 2011

- Digital Electronics
- Microcontroler
- Computer Architechture
- Computer Graphics
- Computer Programing Language
- Artificial Intelligent

Participating tutorials for students at Department of Software Engineering 2011 - present

- Introduction to Programming (C language)
- Computer Graphics
- Artificial Intelligent

3. Education record

Institution	Degree/Studies	Period (m/y)
Nha Trang University	BSc	2002 – 2007
Hanoi University of Technology and Science	MSc	2010 – 2012

4. Employment Record

Name of Employers	Title/ Position	Period (m/y)
Faculty of Electrical and Electronic Engineering, Nha Trang University, 02 Nguyen Dinh Chieu Street, Nha Trang City, Vietnam	Junior lecturer/Researcher	2008-2011
Faculty of Information Technology, Nha Trang University, 02 Nguyen Dinh Chieu	Junior lecturer/Researcher	2011-present

Street, Nha Trang City, Vietnam

VoGia automation, 520/1 National Highway 13,
Hiep Binh Phuoc Ward, Thu Duc District, Ho Chi
Minh City

Technical manager

2018-present

5. Grant Awarded

- 5.1 Russell E. Train Education for Nature Program Professional Development Grant “Advanced Bioinformatics analysis”, 4,500USD, Nov 2016 – Dec 2016

6. Major research fields and publications

Project involve

TR2021-13-26 NTU Project - “Xây dựng hệ thống IoT khảo sát điều kiện sinh trưởng của cây sa nhân tím *Amomum Longiligulare* T. L. Wu tại vườn ươm Đại học Nha Trang”. NTU funding (2022-2023)

TR2021-13-27 NTU Project - “Thiết kế thực hành ảo trong sinh học”. NTU funding (2022-2023)

2-7 Peer project - “*Conservation Genetics for Improved Biodiversity and Resource Management in a Changing Mekong Delta*”. NFS and USAID funding (2013 -2015).

3-100 Peer Project - *Building a Mekong River Genetic Biodiversity Research Network*. NFS and USAID funding (2014-2017)

Advanced Genomic Support for Management Decisions in the 3-S River Basin. NFS and USAID funding (2016-2017).

6.1 Journal Articles

Van Hong Cam, Khuc Thi An, Nguyen Tan Phat, **Doan Vu Thinh**. Development and implementing assessments of virtual experiment of “Quantitative determination of chlorophyll using spectrophotometry” at Nha Trang University, Hanoi National University of Education, (1/2023) DOI: 10.18173/2354-1075.2023-0015.

B. T. Dang, Q. H. D. Vu, E. E. Biesack, **T. V. Doan**, O. T. Truong, T. L. Tran, A. S. Ackiss, B. L. Stockwell, K. E. Carpenter, “Population genomics of the peripheral freshwater fish *Polynemus melanochir* (Perciformes, Polynemidae) in a changing Mekong Delta”, *Journal of Conservation Genetics*, 20(5), 961–972 (2019).

Truong Thi Oanh, **Doan Vu Thinh**, Dang Thuy Binh, “Distribution and phylogenetic relationships of snappers (Lutjanidae) based on mitochondrial DNA sequences”, *Journal of Fisheries Science and Technology*, Special issue, 160-166 (2015).

Doan Vu Thinh, Dang Thuy Binh, “WebGIS for Reef Fishes Biodiversity at Nha Trang and Cam Ranh Bays in Khanh Hoa Province, Vietnam”, *Conference proceeding of International Conference on Biological, Environment and Food Engineering*, 54-57 (2015).

6.2

Conference presentation

Doan Vu Thinh, Khuc Thi An, Van Hong Cam, Nguyen Thi Thanh Tuyen. 2022. IoT application surveys some growing conditions of *Amomum Longiligulare* T.L.Wu seedlings at the nursery of Nha Trang University. Thai Binh Duong University conference on Information and Communications Technology (ICT-2022). Khanh Hoa, 08/2022 (in Vietnamese)

Doan Vu Thinh, Nguyen Minh Hoang. 2021. Design a server web for iot-based aquarium tank using shiny frame work. Da Lat University conference on Information and Communications Technology (ICT-2021). DaLat, 08/2021.

Van Hong Cam, Pham Thi Thu Hang, Nguyen Thi Anh Thu, **Doan Vu Thinh**, Le Thanh Cuong. 2021. Antibiotic resistance and biofilm formation of *Vibrio* spp. Isolated from shrimp culture

systems. National Conference on Biotechnology. Hue, 12/2020.

Doan Vu Thinh. PAIRT: Accurate identification pipeline helping for Real time PCR. Nha Trang University conference on Information and Communications Technology (ICT-2019). Nha Trang, 12/2019.

Doan Vu Thinh, Truong Thi Oanh, Dang Thuy Binh. 2017. Comparative SNPs discovering methods for population genetics case study *Boesemania microlepis* in Mekong Delta. International conference on conservation genetics in mekong river basin (ICCGMRB – 2017). CanTho University, 3/2017.

Vu Dang Ha Quyen, Truong Thi Oanh, Tran Linh Thuoc, Kent E. Carpenter, **Doan Vu Thinh,** Dang Thuy Binh. 2017. Migratory pattern of *Boesemania microlepis* in Mekong Delta and management implication. International conference on conservation genetics in mekong river basin (ICCGMRB – 2017). CanTho University, 3/2017.

Dang Thuy Binh, Vu Dang Ha Quyen, Truong Thi Oanh, **Doan Vu Thinh,** Tran Linh Thuoc, Thai Thi Lan Phuong, Amanda Ackiss, Brian Stockwell, Kent E. Carpenter. 2017. Comparative phylogeography of Vietnamese Mekong fishes - Implications of population fragmentation and seawater intrusion. International conference on conservation genetics in mekong river basin (ICCGMRB – 2017). CanTho University, 3/2017.

Doan Vu Thinh, Vu Dang Ha Quyen, Truong Thi Oanh, Tran Linh Thuoc, Dang Thuy Binh. 2016. Detection and Filtering Single Nucleotide Polymorphisms (SNPs) for fish population genetics in Mekong Delta. Conference proceeding of 2016 Annual meeting of the Ichthyological Society of Taiwan and the Asian Society of Ichthyologists, 5/2016

Vu Dang Ha Quyen, Thai Thi Lan Phuong, Truong Thi Oanh, **Doan Vu Thinh,** Tran Linh Thuoc, Dang Thuy Binh. 2016. High genetic diversity of Blackhand paradise (*Polynemus milanoichir*, Bleeker 1852) populations in Mekong Delta, suggest adaptation to environmental change. Conference proceeding of 2016 Annual meeting of the Ichthyological Society of Taiwan and the Asian Society of Ichthyologists, 5/2016.

Quyen Vu Dang Ha, Oanh Truong Thi, Thuoc Tran Linh, Kent Carpenter, **Thinh Doan Vu,** Binh Dang Thuy. 2015. Applying EzRAD method for SNPs discovery in population genetics of freshwater and marine in the South of Vietnam, Conference Proceeding of World Academy of Science, Engineering and Technology (WASET.org), Melbourne, Australia, 11, 2015.

Vu Dang Ha Quyen, Le Thi Nhan, Truong Thi Oanh, Thai Thi Lan Phuong, Dang Thuy Binh, **Doan Vu Thinh.** 2015. SNPs Discovery for population genetics of Blackhand paradise (*Polynemus milanoichir*, Bleeker 1852) in Mekong Delta. Conference proceeding of Marine Biotechnology and Environment (MBE-2015), Nha Trang University, 6/2015.

Thai Thi Lan Phuong, Vu Dang Ha Quyen, Truong Thi Oanh, **Doan Vu Thinh,** Dang Thuy Binh. 2016. Study on small scale croaker population structure (*Boesemania microlepis*, Bleeker 1858-1859) in Vietnam (An Giang, Tra Vinh) and Cambodia (Siemreap) base on SNPs makers. Conference proceeding of 2016 Youth Conference for Biotechnology and Environment, Nha Trang 10/2015 (in Vietnamese).

Vu Dang Ha Quyen, Truong Thi Oanh, **Doan Vu Thinh,** Tran Linh Thuoc, Kent Carpenter, Dang Thuy Binh. 2016. Study on adaptation of Blackhand paradise population structure (*Polynemus paradiseus*) at Mekong Delta base on outlier loci. Conference proceeding at 2016 Youth Conference for Biotechnology and Environment, Nha Trang 10/2015 (in Vietnamese).

Doan Vu Thinh, Dang Thuy Binh. 2014. Using WebGIS for biodiversity conservation for fresh water in Mekong Delta River, Vietnam. Conference proceeding at National Application GIS Conference, Can Tho, 11/2014 (in Vietnamese).

Doan Vu Thinh, Le Duc Phuong, Quach Duc Cuong. 2013. Using Web Technology for controlling devices via Internet. Conference proceeding of Fundamental and Applied IT Research

(FAIR-2013), (in Vietnamese)

Quach Duc Cuong, Quan Yin, Chun Jie Zhou, **Doan Vu Thinh**. 2012. DC servo position controller design based on Direct Adaptive Fuzzy algorithm using dsPIC microcontroller. Conference proceeding of Vietnam Conference on Mechatronics (VCM-2012).

Doan Vu Thinh, Trinh Van Loan. 2012. Using FPGA in the MIPS architecture CPU design. Conference proceeding of Information Technology (in Vietnamese).

7. Area of interest and other related information

- Embedded System, IoT
- WebGIS
- Phylogenetics and population genetics
- Bioinformatics
- Advance genomic analysis

8 Certification

Application Bioinformatics	2017
Training workshop on Next Generation Sequencing	2015
ArGIS Desktop I: Getting Started with GIS	2013
Microsoft Certified Systems Administrator	2007