

NGUYEN Dat Son

R&D Engineer in Electronics / Telecom

Date of Birth: November 27, 1986

Email: nguyendatson@gmail.com

Phone: (+84) (0) 902.624.579

Address: 126A, Ban Co Street, Ward 3, District 3, Ho Chi Minh, Vietnam



PERSONAL STATEMENT

I'm doing my best to create new values for community in Technology/Agriculture that I have a big passion.

"You must be the change you wish to see in the world" – Mahatma Gandhi

PERSONAL SKILLS

- **Professional skills:**

- + Radio-defined software: CST Microwave Studio, HFSS, ADS, IE3D (Autonomous)
- + Electromagnetic test bench: Vector Network Analyzer, Anechoic chamber, Spectrum Analyzer, Signal Generator... (Autonomous)
- + Data processing software: Matlab, Maple (Good)
- + Electronic design: AutoCad, Psim, Proteus, C/C++ (medium)

- **Language skills:**

- + English: Fluently
- + French: Fluently
- + Vietnamese: Mother tongue

- **Soft skills:**

- + Team-working, critical thinking, project planning:
 - ✓ Founder & CEO at AgriConnect Digital Agriculture JSC (Startup in Hi-tech Agriculture from 07/2016 to 12/2017)
 - ✓ Project manager at Institute for Nanotechnology, VNU-HCMC (2009-2017)
 - ✓ 2+ year volunteer teacher (computer skill and career orientation) for orphanages at ORPHAN IMPACT (2015-2016)

Professional Qualifications:

- Semi-Finalist (Top 20) of "Entropy – Data Analytics Competition 2017" (organized by John Von Neumann Institute, VNU-HCMC in Ho Chi Minh, Vietnam)
- Certificate of Participation in Seminars on Micro-Nanotechnology (MINATEC 2013, 2015)

CAREER & EDUCATION HISTORY

- **07/2016 – 12/2017: Founder and CEO**

AgriConnect Digital Agriculture JSC, Ho Chi Minh City (Vietnam)

Key achievements:

- 1 of 4 Runner-up at “2017 IoT Startup” Competition with AGRICONNECT team (organized by SHTP-IC, 10/2017 in Ho Chi Minh, Vietnam)
- Semi-finalist of “2017 Startup Projects” Competition with AGRICONNECT team (organized by BSA, 08/2017 in Ho Chi Minh, Vietnam)
- Top 60 of “2017 Startup Wheel” Competition with AGRICONNECT team (organized by BSSC, 08/2017 in Ho Chi Minh, Vietnam)

Key skills gained:

- Team-working, critical thinking, project planning (see in the **Personal skills**)
- Completion of **Business Management Course “Tam Lý”** by Trí Tri Group

- **07/2009 – 08/2017: R&D Engineer and Project Manager**

Institute for Nanotechnology, Vietnam National University – Ho Chi Minh City (Vietnam)

Key achievements:

- Team Leader and Project Manager in 5 R&D projects (Budget: 10k\$-200k\$)
- 1 book, 4 articles in international peer-reviewed editors (publishers and journals)
- 12 articles in proceeding of international conferences and workshops

Key skills gained:

- Member of Organization team for International Scientific Conferences and Workshops:
 - ✓ International Workshop on Nanotechnology and Applications (2009, 2011, 2013, 2015 in Vung Tau, Vietnam)
 - ✓ IEEE Conference on RFID Technology and Applications (2012 in Nice, France)
 - ✓ Seminars on Micro-Nanotechnology (MINATEC-LNT) (2010, 2013, 2015 in Ho Chi Minh City, Vietnam)
- Supervisor of graduation thesis for 10+ BSc, MSc students (Vietnamese and French)
- EM simulation and test bench (see in the **Personal skills**)

EDUCATION

- **2009-2013: PhD in Optics and Radio Frequency (University of Grenoble, France)**
 - Goal of Thesis: Development of RFID-based sensing tags for food quality detection
 - Contributions: Design and measurement of new antenna/chip topology at Institute for Nanotechnology (VNU-HCMC) and Laboratory LCIS (Grenoble-INP, France)

- **2004-2009: Engineer in Telecommunications (PFIEV program, HCMC University of Technology, Vietnam)**
- Goal of Thesis: Design of Microstrip antenna for Ultra Wide Band (UWB) systems and Microwave devices
- Contributions: Design and measurement of new antenna geometry for UWB systems and Microwave Devices

PERSONAL INTERESTS

- Sports: Swimming, Yoga, Tai Chi, Biking
- Music: Traditional instruments (monochord), guitar
- Spiritual development: Meditation, vegan cooking
- Social impacts:
 - ✓ 2+ year volunteer teacher (computer skill and career orientation) for orphanages at ORPHAN IMPACT
 - ✓ Always ready for community charity/philanthropy events

REFERENCES

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|---|--|
| <p>Prof. Smail TEDJINI</p> <p>Vice-President of IEEE France Section Chairman of URSI Commission D</p> <p><u>Add</u>: 50 Rue Laffemas, BP54, Valence 26902 France</p> <p><u>Web</u>: http://lcis.grenoble-inp.fr</p> <p><u>Tel</u>: (+33) (0) 4.75.75.94.20</p> <p><u>Mail</u>: smail.tedjini@grenoble-inp.fr</p> | <p>Dr. NGUYEN Minh-Trung</p> <p>Deputy Director, John Von Neumann Institute (VNU-HCMC)</p> <p><u>Add</u>: Quarter 6, Linh Trung ward, Thu Duc Ho Chi Minh City, Vietnam</p> <p><u>Web</u>: http://www.jvn.edu.vn/</p> <p><u>Tel</u>: (+84) (0) 908.797.792</p> <p><u>Mail</u>: trung.nguyenminh@jvn.edu.vn</p> |
| <p>Prof. DANG Mau-Chien</p> <p>Director, Institute for Nanotechnology (VNU-HCMC)</p> <p><u>Add</u>: Quarter 6, Linh Trung ward, Thu Duc Ho Chi Minh City, Vietnam</p> <p><u>Web</u>: http://hcmint.edu.vn/</p> <p><u>Tel</u>: (+84) (0) 9.03.35.56.69</p> <p><u>Mail</u>: dmchien@vnuhcm.edu.vn</p> | <p>Mr. LY Truong-Chien</p> <p>Chairman of Trí Tri Group</p> <p><u>Add</u>: 59F, Tran Binh Trong Street, Ward 5, Binh Thanh District, Ho Chi Minh City, Vietnam</p> <p><u>Web</u>: http://www.tritri.org/</p> <p><u>Tel</u>: (+84) (0) 903.913.574</p> <p><u>Mail</u>: chien.ly@tritri.org</p> |