

1. Name: NGUYEN THANH BINH

2. Education

Degree	Field	Institution	Year
Ph.D.	Bioinformatics	University of East Anglia, Norwich, UK	2010
M.Sc.	Advanced Computing Sciences	University of East Anglia, Norwich, UK	2006
B.Sc.	Information Technology	Hanoi University of Science and Technology, Hanoi, Vietnam	2002

3. Academic experience

Institution	Rank, Title	Year/Period	FT/PT
Phenikaa University	Lecturer	2024 – Present	FT
Ho Chi Minh City University of Technology	Lecturer	2021 – 2024	PT
University of East Anglia	Associate Tutor	2006 – 2010	PT
University of East Anglia	PhD Candidate	2006 – 2010	FT
Hanoi University of Science and Technology	Lecturer	2010 – 2013 and 2002 - 2005	FT

4. Non-academic experience

Company	Position	Year/Period	FT/PT
FPT IS, Vietnam	Global Cybersecurity Consultant	8/2023 – Present	FT (until 01/2024) => PT
Vietnam National Cyber Security Technology Corporation, Vietnam	Partnership Director	2022 – 2023	FT
GTSC Vietnam Technology Services and Commercial JSC, Vietnam	R&D Manager	2020 - 2022	FT
Viet Sifo High Technology Solution JSC, Vietnam	R&D Manager	2015 – 2020	FT
Cuong Thinh Trading and Investment JSC, Vietnam	Senior Consultant	2013 – 2015	FT

5. Certifications or professional registrations

- CISA ICS Cybersecurity Landscape for Managers
- CISA 100W Cybersecurity Practices
- CISA 210W-01 Differences in Deployments of Industrial Control Systems
- CISA 210W-02 Influence of IT Components on Industrial Control Systems
- CISA 210W-03 Common ICS Components
- CISA 210W-04 Cybersecurity Within IT and ICS Domains (FY21)
- CISA 210W-05 ICS Cybersecurity Risk
- CISA 210W-06 ICS Cybersecurity Threats
- CISA 210W-07 ICS Cybersecurity Vulnerabilities
- CISA 210W-08 ICS Cybersecurity Consequences (FY21)
- CISA 210W-09 Attack Methodologies in IT & ICS

- CISA 210W-10 Mapping IT Defense-In-Depth Security Solutions to ICS - Part I
- CISA 210W-11 Mapping IT Defense-In Depth Security Solutions to ICS - Part II
- CISA 301V Virtual Industrial Control Systems Cybersecurity Training
- CISA 401V ICS Cybersecurity Analysis & Evaluation Virtual Training
- CFEedu - Working Together for ICS Digital Safety and Cybersecurity - Perspectives and Insights from an ex-IT Guy
- OPSWAT Introduction to Critical Infrastructure Protection
- Udemy - Fundamentals of OT Cybersecurity (ICS SCADA)
- IBM Business Partner Integrity Training

6. Current membership in professional organizations

N/A

7. Honors and awards

- 2006 - 2009 PhD Scholarship, EPSRC, UK
PhD Studentship, University of East Anglia, Norwich, UK
- 2005 - 2006 Program 322 Scholarship, Ministry of Education and Training, VN
- 1997 Runner-up, National Contest on Informatics
Runner-up, Phu Tho Provincial Contest on Informatics
- 1996 Second Runner-up, National Contest on Informatics
Winner, Phu Tho Provincial Contest on Informatics
- 1996 Nguyen Thai Binh Scholarship

8. Service activities

N/A

9. Briefly list the most important publications and presentations

- Spillner A, Nguyen BT, Moulton V. Computing phylogenetic diversity for split systems. IEEE/ACM Trans Comput Biol Bioinform. 2008 Apr-Jun;5(2):235-44, <https://ieeexplore.ieee.org/document/4384568>
- Nguyen B, Spillner A, Emerson BC, Moulton V. Distinguishing between hot-spots and melting-pots of genetic diversity using haplotype connectivity. Algorithms Mol Biol. 2010 Mar 20; 5-19, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2853546/>
- Spillner A, Nguyen BT, Moulton V. Constructing and drawing regular planar split networks. IEEE/ACM Trans Comput Biol Bioinform. 2012;9(2):395-407, <https://ieeexplore.ieee.org/document/5989792>

10. Briefly list the most recent professional development activities

- Working at FPT IS as a global cybersecurity consultant (from 2023 – present).
- Completed CISA's course on cybersecurity assessment (2023, Bangkok, Thailand).
- Completed over 10 online training courses on cybersecurity for Industrial Control Systems provided by Cybersecurity and Infrastructure Security Agency (CISA), US (2022).

- Completed additional online training courses on cybersecurity for Industrial Control Systems and Critical Infrastructure Protection (CIP) provided by CFEedu (2022), OPSWAT (2023), Udemy (2024).
- Gave presentations at several professional workshops & conferences such as:
 - Cybersecurity for Industrial Control Systems at Security Bootcamp (2019, Phu Yen) and IDG Digital Government conference (2022, Hai Phong).
 - Improving public awareness on cybersecurity at IDG World Mobile Broadband & ICT conference (2023, Hanoi)
 - Cybersecurity of the software supply chain at IDG Retail Banking conference (2023, Ho Chi Minh city).
 - Lessons from US policies on open-source software security at FOSS ASIA conference (2024, Hanoi).
 - Improving public awareness on cybersecurity using proactive phishing at National Cybersecurity Association's 1st conference (2024, Hanoi).
- Enrolled in online courses for soft skill on Udemy (2024).
- Self-studied cybersecurity framework such as NIST CSF, C2M2, CMM.