

# MANH HUNG NGUYEN

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PERSONAL INFORMATION	<b>Master Student</b> Email: <a href="mailto:hungnm.vnu@gmail.com">hungnm.vnu@gmail.com</a> , Tel: +32 456 14 84 55		
RESEARCH INTERESTS	<b>Machine Learning, Data Analysis</b>		
EDUCATION	<ul style="list-style-type: none"><li>• <b>MSc., The Erasmus Mundus Joint Master Degree Programme in Big Data Management and Analytics</b> 2019 - Present (with fully funded scholarship) Université Libre de Bruxelles, Universitat Politècnica de Catalunya CentraleSupélec</li><li>• <b>BSc., Information Technology (Honors program)</b> 2013 - 2017 University of Engineering and Technology, Vietnam National University, Hanoi GPA: <b>3.68/4.0 (top 5% of 300 students)</b> Thesis topic: <i>A method for generating user interface interaction scenarios in automated testing</i> Supervisor: Assoc. Prof. Pham Ngoc Hung</li></ul>		
PROJECTS	<ul style="list-style-type: none"><li>• <b>Kaggle Competition - COVID19 Global Forecasting</b> 2020 - Present This project aims at forecasting daily COVID-19 spread in regions around world. Different models have been implemented. The dataset is published on Kaggle.</li><li>• <b>Analyse and Predict UK Traffic Accidents</b> 2019 - Present This project aims at analysing 1.6 million UK traffic accidents from 2000 and 2016 to derive accidents patterns and build a model to predict accident severity. This data set is published on Kaggle</li><li>• <b>On refactoring source code to enable parallelism in embedded systems</b>, as leader, 2018 - 2019 Automated analysing and refactoring existing sequential source code to enable parallelism and optimize parallelization performance for embedded systems. This project is funded by GAIO Technology Corporation, Japan.</li><li>• <b>A method for generating user interface interaction scenarios in automated testing</b>, as leader, 2017 - 2018 This research proposes an approach to generate more user interface interaction scenarios in automated UI testing, which combines combinational testing and abnormal test data. This project was funded by Toshiba Software Development in Vietnam.</li><li>• <b>Test data generation for C/C++ projects</b>, as key member, 2015 - 2017 An automated test data generation method for C/C++ projects to generate fewer test data while gaining higher code coverage in comparison with other tools. This project was funded by Toshiba Software Development in Vietnam.</li></ul>		
TEACHING EXPERIENCE	<b>Advanced Programming</b> , Teaching in practical sessions, 2019 <b>Object-Oriented Programming</b> , Teaching in practical sessions, 2018 <b>Software Engineering</b> , Teaching in practical sessions, 2018 <b>Object-Oriented Programming</b> , Teaching in practical sessions, 2017		

PERSONAL  
SKILLS

**IELTS (Academic):** 7.0 (Overall Score)  
**GRE:** Quantitative 166, Verbal 145

TECHNICAL  
SKILLS

**Programming languages:** Python, Java, C/C++  
**Others:** Using Linux OS, LaTeX

CERTIFICATES  
& AWARDS

- Erasmus+ scholarship for Erasmus Mundus Joint Master Degrees 2019
- Toshiba Scholarship for Outstanding student 2018
- Certificate in Recognition and Appreciation of Research and Development on Automation Test, Toshiba Software Development in Vietnam 2018
- Certificate of Participation in Duy Tan 4th Research Summer School, Duy Tan University, 2018
- Certificate of Poster Presentation in Research School 2018 on “Enabling Technologies for Smart City”, UTS, HCMUT, VNU-UET, 2018
- The 2nd Prize at Scientific Research Conference for Students in Faculty of Information Technology, VNU-UET, 2017
- The 3rd Prize at Scientific Research Conference for Students, VNU-UET 2017
- An Award for Outstanding Thesis, VNU-UET, 2017
- Annual Scholarships for Outstanding Students, VNU-UET, 2013–2017
- Fundamental Information Technology Engineer Certificate, VITEC, 2016
- Certificate of Completion of ”Entry training program: Web Service, Embedded, Mobile App and Integration Technology”, Vinasa, 2016
- Pony Chung Foundation Scholarship, 2014
- The 3rd Prize at Provincial Programming Competition for Gifted High School Students, Hung Yen Province, 2013

REFERENCES

- **Assoc. Prof. Pham Ngoc Hung**  
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