

PERSONAL INFORMATION

Nguyen Giang Son



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Sex: Male | Date of birth: 13/07/1998 | Nationality: Vietnamese

SUMMARY: I am responsible, sociable, and adaptable to new environments. My purpose is to research in scientific research institute because I have a strong belief that improving BIM, Digitalization Construction and related research is the key factor for sustainable building.

FUTURE DIRECTION: My long-term plan will be focused on integrating the achievement of computer science with the existing construction procedure for saving energy and cost first. After that upgrade the guiding document in the construction field for helping the process of application research outcome to be easy worldwide.

WORK EXPERIENCE

December 2017 – November 2018

Internship

Architect and BIM Modelling

KAHN Company, Hanoi city, Vietnam - <https://kahnatelier.vn/>

- Creating concept, and shop drawings for projects: homestay, villa, apartment, landscape, etc.

December 2018 – May 2019

Part-time job

Architect and BIM Modelling

INNO Joint-stock Company, Hanoi city, Vietnam - <http://innojsc.com/home>

- Creating and checking the BIM model of two projects: Vincy and Lao Parliament - the first official pilot construction project has applied BIM under the Vietnam government

January 2021 – July 2021

Outsourcing Project

Architect and BIM Modelling

Ngoc Tuan cleaner factory, Hung Yen city, Vietnam

- Making the concept and model of the project.
- Checking and editing construction documents in the final phase.

August 2021 – December 2021

Full-time job

Architect and BIM Modelling

The BIM Factory Company, Hochiminh city, Vietnam - <https://www.the-bimfactory.com/>

The biggest BIM outsourcing company in Vietnam

- Creating concept and shop drawings for projects: assembly apartment, apartment, landscape.
- Making the concept and model of the project.
- Checking and editing construction documents in the final phase.

April 2022 – August 2022

Full-time job

Architect and BIM Modelling

Woh Hup (Private) Limited, Hanoi city, Vietnam, and Singapore - <https://www.wohhup.com/>

The leading construction in Singapore

- Creating concept and shop drawings for projects: precast concrete modular buildings
- Coordinating the project elements.
- Checking and editing construction documents in the final phase.

EDUCATION AND TRAINING

October 2022 – October 2023

BIM A+ European Master in Building Information Modelling<https://bimaplus.org/>

First semester University of Ljubljana, 1000 Ljubljana, Slovenia

Second semester University of Minho, 4710-057 Braga, Portugal

- The objective of BIM A+ is to offer an advanced education programme on BIM integrated design, construction and operation processes, with a strong focus on the collaborative practices that are the cornerstone of such integration.

February 2023 – October 2023

Data analysis and Programming<http://www.vefacademy.com/>

VEF Academy Founders & Teachers are mostly VEF Alumni who got MS/PhD from US top notch universities with extensive industry experience

- The objective of the course is to offer very basic knowledge about data analysis and programming base on using Python.

July 2016 – October 2021

Degree of Architecture

Hanoi Architectural University, Hanoi city, Vietnam –

The most prestigious Architecture university in Vietnam

Outstanding young researcher in Faculty

- Building design, Landscape design, Urban Planning

July 2017 – October 2017

Revit software

POINT Group, Hanoi city, Vietnam

- Revit Architect, Parametric design with Revit.
- Building Revit model for the real project.

September 2019 – December 2019

Civil 3d software and Infracore software

BIM Hanoi, Hanoi city, Vietnam

- Civil 3d software and Infracore software.
- Research about InfraBIM focuses on neighbourhood design.

PERSONAL SKILLS

Software skills

Revit Architecture and BIM 360- Good

- Using Revit for creating almost all kinds of models.
- Creating and tailoring new “family” types for the specific object.
- Working fluently with the features “work-sharing” and “central file”.

Infracore - Good

- Creating a model from data collection.
- Creating the concept, consuming, and analysing that for the specific object.
- Making videos

Naviswork – Average

Photoshop – Average

Lumion – Average

Autocad – Average

ADDITIONAL INFORMATION

Publications

- D.T.Hai, **N.G.Son**, T.M.Trang, (2020). “Application of Autodesk Software to Design and Manage Planning Projects at the Conceptual Stage” International conference CSDS 2020, <https://aip.scitation.org/doi/10.1063/5.0070679>
- **N.G.Son**, D.T.Hai, (2021). “Construction and testing BIM process at the design stage in neighbourhood unit planning with case study Capella Bac Ninh project” Vietnam Journal of Construction, ISSN 2734-9888, p.60-63, n.2-2021. <http://tapchixaydungbxd.vn/nghien-cuu-khoa-hoc/xay-dung-va-thu-nghiem-quy-trinh-bim.html>
- P.D.Le, **N.G.Son**, (2021). “E-planning and its potential development in Vietnam urban planning” International conference CIGOS 2021. https://doi.org/10.1007/978-981-16-7160-9_135
- P.D.Le, **N.G.Son**, (2021). “E-Planning and potentials of development in Vietnam Planning” Journal of Construction Economics, Ministry of Construction, Vietnam, ISSN 1859-4921, p.37-41, n9-2021. <https://www.doi.org/10.13140/RG.2.2.30696.34564>

Presentations

- Presentation and discussion of my paper in CSDS 2020, CIGOS 2021

Conferences

- INTERNATIONAL CONFERENCE ON CONSTRUCTION DIGITALISATION FOR SUSTAINABLE DEVELOPMENT (CSDS 2020)
- INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND APPLICATIONS FOR GREEN INFRASTRUCTURE (CIGOS 2021)

Volunteering projects

- Co-founder Facebook group for sharing BIM knowledge. <https://www.facebook.com/groups/vndcc>

Certification

- Participated and contributed significantly to INTERNATIONAL CONFERENCE ON CONSTRUCTION DIGITALISATION FOR SUSTAINABLE DEVELOPMENT (CSDS 2020)
- Autodesk complete certificate for Civil3d
- Autodesk complete certificate for InRoads
- Dedication research team to the environment and community in faculty of urban infrastructure engineering at Hanoi Architectural University
- Short-term program: Professional CEO training in Department of planning and investment of Bac Giang city
- Coaching yourself and others with NLP
- Active member in event of Hanoi architectural university 2016
- Active member in event of Hanoi architectural university 2017