

PHAM NGUYEN QUOC THANG

JOB POSITION: INTERN

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EDUCATION

HCMC University of technology and education 09/ 2021 - Now

Major: Transportation Engineering

Gained proficiency in AutoCAD, AND Design, MIDAS Civil and Revit. Completed Capstone Projects including: Road Design and Road Construction (AutoCAD, AND Design), Reinforced Concrete Bridge Design (AutoCAD). Capstone Projects (In Progress): Steel Bridge Design (Revit), Bridge Pier and Foundation Design (AutoCAD, Revit), Graduation Design Project (AutoCAD, Midas Civil, Revit)

TECHNICAL EXPERIENCES

Khai Thanh Construction and Trading Limited Liability Company 09/ 2024 - 11/ 2024

Job position: Intern

I participated in supervising and monitoring the construction progress of project, ensuring that construction activities were carried out according to plan and met quality standards; assisted in preparing progress reports and related project documentation; supported the chief engineer in resolving issues arising on-site and ensuring worker safety; took part in surveying tasks, measuring, and verifying the accuracy of positions and elevations of the construction site; utilized modern surveying equipment to support the construction process; studied and applied effective construction methods to optimize costs and time.

Reinforced Concrete Bridge Design Project: https://github.com/pnqt/my-cv/blob/main/RCBD_Project.pdf 05/2024 - 08/ 2024

Tools & technologies used: AutoCAD, Microsoft Excel

Designed a simple-span reinforced concrete bridge according to Vietnamese standards (TCVN11823-2017). Performed structural calculations, including load analysis, stress distribution, and detailed design of bridge deck and beams.

Road Design Project: https://github.com/pnqt/my-cv/blob/main/Road_Design_Project.pdf 09/ 2023 - 12/ 2023

Tools & technologies used: AutoCAD, AND Design, G8

Designed a complete road alignment based on real terrain survey data. Applied AutoCAD and AND Design to create horizontal and vertical alignments, cross-sections, and pavement structure.

TECHNICAL SKILLS

Civil Engineering Design AutoCAD, AND Design, Midas Civil, Revit

Graphics Designing Adobe Photoshop, Adobe Premiere, Adobe Media Encoder, Wondershare Filmora

SOCIAL ACTIVITIES

Falcuty of Civil Engineering 2021 - 2024

Executive Committee Member of the Faculty of Civil Engineering

In charge of event organization support (including election congresses and academic competitions), technical support, and the design of visual backgrounds and videos.