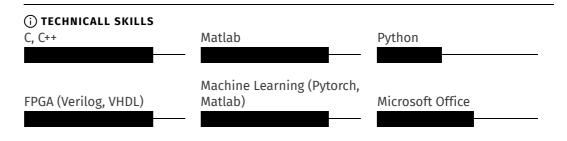
Duc thang Nguyen

Profile

A motivated international engineering student with a steadfast dedication to excellence. Equipped with exceptional problem-solving abilities, adept at clarifying ambiguous requirements, and driven to continuously acquire, cultivate, and apply theoretical knowledge for optimal organizational impact. A results-oriented engineer well-versed in system engineering and research methodology.

Skills



Strengths

Leadership, teamwork, adaptability

Strong communication, organization, problem-solving

Critical thinking, time management, initiative

Education

Electrical and Electronic | Engineering Ho Chi Minh University of Technology

Computer Engineering | Bachelor of Engineering (Honours), Electrical and Electronic
The University of Adelaide

苗 2021 - present 🔾 ADELAIDE, AUSTRALIA

Project

Implement inverse polish notation using stack (C language)
Image processing by FPGA (Verilog)

Train station management with object-oriented programming design (C++)

- OOP properties such as Encapsulation, Abstraction, Inheritance, and Polymorphism are practiced.
 - Routing protocol simulation with Distance Vector and Split Horizon algorithms (C++)
- This project requires simulating a routing protocol that applies a Distance Vector and Split Horizon algorithm to generate a routing table for a given set of routers and link weights.

Machine learning techniques for radar target recognition (MATLAB and Python)

- · Honour project
- Detail: GitHub: https://bit.ly/446FNgO