



# NGUYEN NGUYEN

2ND YEAR INFORMATION AND  
TECHNOLOGY STUDENT  
EMBEDDED SYSTEM  
SOFTWARE DEVELOPMENT

## RELEVANT SKILLS:

### Fundamental skills

- Electronics, Digital Electronics and Physics
- Data Structures and Algorithms
- Local Area Network

### Software skills

- C, C++
- Python
- Java
- Javascript, with libraries React, React Router and Redux.
- Typescript
- Linux, Bash Scripting
- PCB design and KiCad

### Hardware skills

- Arduino
- STM32

## LANGUAGES:

- Vietnamese: Native
- English: Fluent
- Finnish: Beginner

## CONTACTS:

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## EDUCATION

- **Bachelor of Engineering, Information Technology - Embedded systems - Software development**  
Institution: Vaasa University of Applied Science (VAMK)  
Year: 2023 - now
- **Codecademy - Online learning platform for programming**  
Year: 2023 - now
- **Udemy - Online learning platform**  
Year: 2024 - now

## PROJECTS

### Web development:

- **Portfolio Website:** Javascript with React and React Router libraries. Hosted on Netlify.
- **Mini-Reddit Web Application:** Web application with Reddit API, using libraries React and Redux.
- **Weather forecast:** Vanilla JavaScript, using OpenWeather API and Google Places API.
- **Memory game:** A brain game using HTML, Javascript and CSS.

### Arduino:

- **Temperature transmitter and receiver:** A simple temperature sensor receiving system is created and displayed via a 7-segment LED display.

## CERTIFICATIONS

**Microsoft Certified** - Azure Fundamentals AZ-900 - 2024

**Udemy** - ARM Cortex-M7 STM32F7 Bare-Metal Programming From Ground Up - 2024

## REFERENCES

**Chao Gao** - Principal Lecturer, VAMK

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