VAN DUNG PHAN

Computer Science Student • Software Engineering • Data/AI • IoT/Systems

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PROFILE

Applied CS student targeting roles in **Software Engineering** and **Data**. Build reliable systems across the stack: **backend APIs**, **data pipelines**, and **IoT integrations**. Proficient in **Python, C/C++, C#, Java, JavaScript** with modern practices (**Git, Docker, CI/CD**).

EDUCATION

B.Sc. Applied Computer Science
Saxion University of Applied Sciences

📅 Aug 2023 – 2027   📍 Enschede, NL

- Honours Programme; HBO-Propedeuse achieved. Coursework: SWE, Distributed Systems, Databases, Data Viz, Intro ML.

Advanced Diploma in Software Engineering
APTECH Computer Education

📅 Sept 2018 – Jan 2021   📍 Hanoi, VN

EXPERIENCE

Data Analyst
FTECH Co., Ltd

📅 Mar 2021 – May 2022   📍 Hanoi, Vietnam

- Automated SQL reporting & pipelines, reducing manual prep by ∼**30%**.
- Introduced AI assistants for QA/templates, speeding reviews and documentation.
- Instrumented Google Analytics events for KPI tracking.

Software Engineering Intern (C#)
Just In Time Solution

📅 Jun 2020 – Aug 2020   📍 Hanoi, Vietnam

- Implemented WebForms components and concise technical handover notes.

SELECTED PROJECTS

LoRaWeather — End-to-end IoT
Saxion UAS

📅 2024

- ESP32 nodes → LoRaWAN/TTN → Azure SQL → .NET MAUI dashboards (real-time telemetry).

FIFA World Cup DB — SQL Server
Course

📅 2024

- Normalized schema (∼28 tables), triggers, analytics views (standings/clean sheets).

SKILLS

Programming
Python | C/C++ | C# | Java | JavaScript | SQL

Software Eng
Git | Docker | CI/CD | REST APIs | Testing | Agile/SCRUM

Data/AI
Spark | Kafka | ETL | DBT | scikit-learn | Power BI

Databases
SQL Server | PostgreSQL | MySQL | MongoDB

Embedded/Systems
ESP32 | LoRa/TTN | RTOS | Linux Driver

CERTIFICATES & AWARDS

MATLAB Onramp (2024)
IBM Data Science (2020)
Saxion Excellence Scholarship (2024–25)
Saxion Talent Scholarship (2023–24)

LANGUAGES

English ●●●●○

Vietnamese (Native) ●●●●●

Dutch ●●○○○

ELIGIBILITY

Available for full internship duration
EU/NL preferred | Open to relocation