Nhut M Cao

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WORK EXPERIENCE

Nokia   Espoo, Finland
Software Trainee, CI team   Mar, 2023 - Jan, 2024

- Collaborated on the development and implementation of CI pipelines in **Git Lab**, while integrating unit test data, automated report jobs and essential development tools in **Python** to the company's visual continuous integration platform.
- Contributed to unit tests and coverage within the **CI pipeline** in various languages. Wrote documentation for collaborated developers regarding new additions.
- Developed **Python** tools and built **Docker** image to interact with APIs and retrieved targeted data, implementing unit tests and thorough documentation to ensure functionality and maintainability.

Aalto University   Espoo, Finland
Teaching Assistant: Programming in **C** and **C++, Scala**   Sep, 2022 - May, 2023
- Hosted live exercise sessions twice a week. Guided students to programming from scratch
- Lead assistant for groups' final project. Defined timeline, supervised work, hosted project demos, and graded submissions.

SKILLS

Languages: Python, SQL, Java, Golang, JavaScript, Scala, C++, Bash/Shell Script, YAML
Frameworks and Tools: Linux/Ubuntu, WSL, Git, Docker, VSCode, Google Cloud Platform
Office: Microsoft Office packages, Google Docs
Others: Communication, documenting, Photoshop, Illustrator

EDUCATION

Aalto University   Espoo, Finland
Bachelor's degree, Digital System and Design   August, 2020 - June 2023

Master's degree, Security and Cloud Computing   August, 2023 - Expected 2025

PROJECTS

Personal Portfolio | **Github** | *React, Tailwind, Next.js*
- Built a personal website to showcase my skills, projects, and working experience
- Skill applied: Full-stack development, Web Design

Expense Management | **Github**
- Developed an expense management app **Python** for analyzing monthly expense data from CSV files
- Implemented functionality to generate graphical illustrations illustrating the analyzed data
- Designed **10** comprehensive unit tests to ensure thorough functionality testing.

Vaccine Distribution | **Github** *(collaborate with other 3 members)*
- Designed a database from large Excel data sources with UML illustration
- Built Python schemas to handle data with **PostgreSQL** and analyze insight information.