## Raspberry Pi

☐ <b>Installation and Setup</b> Installation of Ubuntu Server 20.04 and configuring the WiFi using Netplan and mDNS.
□ <b>Python Development</b> Setting up Visual Studio Code to develop Python code for the Raspberry Pi remotely.
□ <b>Ubuntu to Raspberry Pi OS Cross C++ Development</b> Raspberry Pi C++ development and cross-compilation on an Ubuntu machine, targeting a Raspberry Pi running Raspberry Pi OS.
□ <b>Ubuntu to Ubuntu Cross C++ Development</b> Raspberry Pi C++ development and cross-compilation on an Ubuntu machine, targeting a Raspberry Pi running Ubuntu.
C++ Development using Docker  Raspberry Pi C++ development and cross-compilation of commonly used libraries (such as OpenCV), built from scratch using crosstool-ng and Docker.
▶ NEON Some algorithms and experiments for speeding up code using the Raspberry Pi's NEON SIMD units.