

Raspberry Pi

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📁 **Installation and Setup**

Installation of Ubuntu Server 20.04 and configuring the WiFi using Netplan and mDNS.

📁 **Python Development**

Setting up Visual Studio Code to develop Python code for the Raspberry Pi remotely.

📁 **Ubuntu to Raspberry Pi OS Cross C++ Development**

Raspberry Pi C++ development and cross-compilation on an Ubuntu machine, targeting a Raspberry Pi running Raspberry Pi OS.

📁 **Ubuntu to Ubuntu Cross C++ Development**

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.