

My name is Duje Gašperov. I obtained Master's degree in Electrical Engineering from University department of professional studies, University of Split, Croatia. I am a software architect primarily focused on embedded systems. I started my career developing software for ARM microcontrollers, gaining experience with a wide range of microcontroller peripherals, including Ethernet, BLE, CAN, I2C, SPI, GPIO, ADC, and UART. One of the projects I worked on involved developing software for wireless robot control.

For the past three years at OIV, I have been working on the CroQCI project (Croatian Quantum Communication Infrastructure) focusing on software development for FPGA platform, mainly the implementation of Ethernet communication interfaces, hardware-accelerated cryptographic algorithms, and quantum key distribution(QKD).