

CURRICULUM VITAE– BARTOSZ PIECH

PERSONAL INFORMATION

Bartosz Piech

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EDUCATION

2022 – now Master’s degree at the Faculty of Information and Communication Technology – Computer Engineering – Data Processing Systems Engineering at Wrocław University of Science and Technology.

2018 – 2022 Engineer’s degree at the Faculty of Electronics – Control Engineering and Robotics – Robotics at Wrocław University of Science and Technology.
Engineering thesis – Authentication in IoT using Blockchain Technology.

2018 – 2022 Active member of Robotics Student Interest Group ”KoNaR”

JOB EXPERIENCE

2020 – 2022 Freelancing Worked on projects during summertime.

- Automation processes tools integrated with company’s software, written using Python, Selenium and Requests module,
- Web application that allows employers schedule employee’s workhours, written with Golang, Gin and Svelte framework.

PROJECTS

Ariadna Minesweeper Team project in ”KoNaR” Robotics Student Interest Group. Made project’s website using HTML, CSS and Javascript. Configured and programmed low-level peripherals for sensorboard module in C for STM32 μC HAL library.

MiLo Robotic Arm Constructed and programmed 4DoF robotic arm that solved inverse kinematics. Used C in STM32 μC with HAL library, KiCad and Fusion 360, programmed Qt5 visualisation application using C++.

Shopper Web Application Created Full stack web application which monitored availability and prices of products and notified users via e-mail about it’s status. Used Svelte web framework, Golang, Python and MySQL Database.

SKILLS

C Advanced knowledge of C programming language for low level, embedded and modern C11 standard, knowledge of STM32 and Arduino μC programming and configuration

C++ Intermediate, used in projects at University. Familiar with Qt5, OOP, Xerces XML library and OpenGL.

Python Intermediate knowledge, used mostly for automation and backend services. Implemented Blockchain IoT network using Flask and ZeroMQ libraries.

Linux Advanced knowledge and usage of GNU/Linux on daily basis.

Golang, Haskell, Git, Docker, Svelte, React, GNU Make, Matlab, T_EX
Familiar with those technologies.

LANGUAGES

Polish – Native, **English** – Advanced, **German** – Intermediate.

Wyrażam zgodę na przetwarzanie moich danych osobowych w celu przeprowadzenia procesu rekrutacji na aplikowane przeze mnie stanowisko.