BARTOSZ HADALA

Internship

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🌐 https://tiny.pl/2nb646m   in https://tiny.pl/tq3O292f

Ambitious AGH student in the field of Electronics and Communication, with broad interests in embedded systems, microcontrollers, and hardware development. Possesses a solid foundation in C++, systems engineering, and problem-solving. Eager to develop skills in hardware testing, defect analysis, and practical applications of electronic systems. Fast learner, communicative, and detail-oriented. Open to hybrid work and motivated to contribute to innovative projects.

EDUCATION:

2023 – present | Akademia Górniczo Hutnicza

Faculty of Computer Science, Electronics and Telecommunications; Field of study: Electronics and Telecommunications; Subjects covered by the study program: Programming methodologies, Electronic components, Circuit theory, Electronic measurement, Computational Techniques, Systems and Signals, Operating Systems, Analog Electronics, Digital Techniques and Programmable Circuits, Digital Signal Processing, Microprocessor Technology, Simulation of electronic systems

2019 – 2023 | Zespół Szkół Ponadgimnazjalnych im. Jana Pawła II
IT technical high school, graduated with voivode's distinction

KNOWLEDGE, SKILLS AND QUALIFICATIONS:

- Circuit Analysis
- Simulations of electronic circuits | LTSpice, PSpice
- Knowledge of microcontroller and FPGA architecture | Verilog and Assembler languages | Vivado and Microchip Studio
- Digital and analog signal simulation and processing, filters and modulations | Matlab and Julia
- Knowledge of C++, Git, JavaScript, PHP, SQL, HTML, CSS | Visual Studio Code, CodeBlocks, Github, phpMyAdmin
- Windows, Windows Server, Linux, Linux Server
- Computer networks | Cisco Packet Tracer
- Soldering electronic components
- INF. O2, INF. O3
- ECDL
- Polish, English languages
- driving license category B

COURSES:

- HTML organized by the high school
- Modern, intelligent and efficient C++ led by Dr. Hab. Eng. Piotr Szymczyk – present
- CNNA, Cisco – present
- PCB design, Altium – present
- Introduction to Software Development, Amazon on Coursera – present

ADVANTAGES:

- Technical Skills
- Analytical Thinking
- Creativity & Innovation
- Independence & Proactiveness
- Teamwork & Communication

EXPERIENCE:

Apprenticeship, printing house
Machine operation, production quality management, network and system administration
Analog Filter Design
Possible adjustment of element values, selection of scheme, generation of responses and amplitude-frequency graphs | Matlab
Smart Door Locker Project – Microcontroller in C++
Operational Amplifier Relaxation Generator – Analog Electronics
Personal portfolio website
Part-time jobs during studies