


HUBERT NIEWIEROWICZ

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PROFILE

Second-year Computer Science student at the Warsaw University of Technology with hands-on experience in IoT development and software testing. Skilled in Python, Java, and embedded systems. Seeking a summer IT internship to apply technical skills in a real-world environment and contribute to a dynamic team.

WORK EXPERIENCE

QA Engineer

RSI Europe Military IoT (2024/07 - 2024/09)

Developed an internal Python tool that automated the process of setting up Android devices, reducing manual effort and improving deployment efficiency.

Conducted tests on receivers, initiators and an Android app used in the remote initiation system "RISE", identifying and resolving key issues.

Performed field and laboratory testing on the impact initiation system of the FPV drone "Shpak", analyzing its functionality under both controlled and real-world conditions.

Data Engineering Intern

External Tables (2023/09 - 2023/10)

Gained insights into managing databases and working with data analytics while being mentored by the CTO of the company.

Completed a full course on Snowflake data clouds and earned 5 workshop badges.

Math and IT Tutor

Digi1, Corepetitus (2023/09 - Current)

Provided one-on-one tutoring for final year high school students, helping them prepare for math and IT exams.

PROJECTS

Available at github.com/hub-n

Guitar Amp Simulator

Developed a guitar amplifier simulator using JavaFX, Gradle, JavaSoundAPI and TarsosDSP, implementing real-time audio processing.

Sports App

Built a Python application, designed a database and implemented its setup in Oracle SQL.

Alpha Blending in Assembly

Implemented alpha blending algorithms in both x64 and RISC-V assembly, optimizing performance for low-level graphics processing.

EDUCATION

WARSAW UNIVERSITY OF TECHNOLOGY

BEng of Computer Science
Expected Graduation: 2027

Relevant Coursework:

Applicational Programming (4.5/5)
Operating Systems (4.5/5)
Introduction to AI (4/5)
Algorithms and Data Structures (4/5)

LANGUAGES

Polish – Mother Tongue
Lithuanian – Mother Tongue
English – C1 (IELTS 8.0)
Russian – B1