

KRZYSZTOF NOWAK

+48 572 719 141 • krzysztof.julian.nowak@gmail.com • [linkedin](#) • [github](#)

EDUCATION

Warsaw Military University of Technology

October 2023 – February 2027

B.S. of Computer Science

4.64/5.0

Relevant Coursework: Data Structures and Algorithms, Linear Algebra, Mathematical Analysis, Discrete Mathematics, Computer Technology Basics, Probability Theory, Graph Theory, Turing Machine

Technical Skills: Software Design (Beginner), Mathematical Analysis, Turing Machine Design, Programming: Python (Proficient), C (Beginner), Java (Beginner), GIT

PROJECTS

Sprawozdator – Physics e-learning app for university students

April – ongoing

Group Project

- Auto-generates complex physics reports with guidance
- Custom math modeling for problem-solving and chart creation
- Tailored to WAT University students' needs (based on poll)

PogoTymek – Chatbot with weathercast for +200 000 cities worldwide

March 2024 – July 2024

Personal Project

- Trained Rasa NLU model to recognize all polish cities
- Improved by implementing levenshtein algorithm for cities with spelling mistakes

Futurflow – Acoustic levitator with autonomous controll app

September 2022 – June 2023

Group Project

- Developed Python app for 3D acoustic levitation control
- Custom algorithm for sound wave focal point manipulation

[Showcase](#)

Technology: Python, Firebase, Flutter, RASA, MongoDB, Node.js, Flask, Django, JavaScript, HTML, CSS

PROFESSIONAL EXPERIENCE

IT House

3 months

Backend Developer Intern

July 2024 – September 2024

- Developed Chatbot for Job-searching opportunities
- Improved resilience to off-topic conversations, spelling mistakes

Grupa Żywiec S.A.

6 months

Junior IT specialist

June 2023 – September 2023

IT engineering Department Intern

June 2022 – September 2022

- Automated VBA solutions for production process
- Improved automation by 30 % around storing process data.

Technology: Python, Django, Rasa, MongoDB, C, VBA, Llama, Excel

ACHIEVEMENTS

2nd place in WAT Hackathon, 2024

(Sprawozdator beta version)

Rector scholarship for years 2023/2024

(Special academic achievements)

1st place in the national stage in the “Olympics of Technical Innovation and Invention”, 2023

(FuturFlow)

1st place in voivodeship competition “Creators of Innovation”, 2023

(FuturFlow)

HOBBIES

Music (guitar, ukulele), Tennis, Travelling, Cooking

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).