



MATEUSZ CZARNECKI

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ABOUT ME

21 years old programming passionate, Fast learner with strong logical thinking capabilities and proactive approach. Fascinated about new technologies and exploring the world. Experienced in working in the international environment.

EDUCATION

WARSAW UNIVERSITY OF TECHNOLOGY

Bachelor of Computer Science

GPA: 4.8 / 5 | Academic achievements scholarship holder

SMART CITY PW

Active Team Leader in the student association

2021 - 2024 (EXPECTED)



METROPOLIA UNIVERSITY OF APPLIED SCIENCES

HELSINKI, FINLAND

Bachelor of Computer Science, Software Engineering spec.

International Exchange Programme

2022 - 2023



EXPERIENCE

TSMC

AI APPLICATION & PLATFORM DEPARTMENT INTERN

- Developed an AI system to categorize employee feedback, enhancing HR feedback management.
- Modularized AI models, optimizing them for production and scalability.
- Spearheaded research and devised training workflows for image-captioning models: BLIP, BLIP2, and miniGPT 4.

HSINCHU CITY, TAIWAN

JUNE - AUGUST 2023



NOKIA BELL LABS

SOFTWARE DEVELOPMENT STUDENT INTERNSHIP

- Created solutions for the secure transfer and management of medical data using the Ethereum Blockchain.
- Established ownership protocols for digital twins and patient records via a Python and Solidity-based software built on Blockwritten
- Developed a full-stack application using Python Flask and Javascript visualization packages.

HELSINKI, FINLAND

OCTOBER - DECEMBER 2022



PROJECTS

SOLAR ESTIMATOR

- Full-stack Software that helps evaluate the profitability of installing photovoltaic panels on the rooftops of buildings in Warsaw
- Consists of an algorithm that calculates the number of panels on the roof and an API that allows users to interact with the algorithm.
- Technologies: Python, ArcGIS, ArcPy, Django, PostgreSQL, JavaScript, RabbitMQ.

 [GITHUB REPO](#)

FREELANCE WEBSITE/APP DEVELOPMENT

- Developed websites and e-commerce shops for clients.
- Created a full-stack node.js e-commerce shop software including payments, admin and order history panels and user authentication.
- Technologies: HTML, CSS, Javascript, Typescript, NodeJS, MongoDB, Wordpress

 [GITHUB REPO](#)

SKILLS

Problem solving, Fast learning, OOP, Java, Kotlin, Python, Javascript, Typescript, Android, Android Studio, Web development, NodeJS, SQL, MongoDB, Azure, Python data science tools, Machine Learning methods, Deep learning, NLP, Image Processing, GIT and Github fluency, Algorithms, International team working, C1 English language proficiency