

Natalia Kowalczyk

Warsaw, Poland

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Education

University of Warsaw

Master of Science in Bioinformatics

Oct 2020 – Jul 2022 | Warsaw, Poland

GPA: 4.8/5.0

Activities: Bioinformatics Society VP, Research Assistant, Hackathon Mentor

Relevant Coursework: Genomic Data Analysis, Python for Bioinformatics, Statistical Genetics, Machine Learning in Biology

Summer School: EMBL-EBI 2021 (GPA: Pass with Distinction)

Work Experience

Bioinformatics Software Engineer | Genentech | Aug 2022 - Present | Warsaw, Poland

- Developed pipelines in Python and R for genomic variant calling.
- Integrated Bioconductor packages for data analysis and visualization.
- Automated QC reports, reducing manual review time by 50%.

Skills

Languages: Python, R

Tools: Bioconductor, Galaxy, Nextflow

Other Skills: Genomic Data Processing, Statistical Analysis, Pipeline Automation

Certificates

Coursera: Bioinformatics Specialization

Udemy: Python for Bioinformatics

EMBL-EBI Data Analysis Certificate

Awards

Genentech Science Innovation Award 2023

UWard Scholarship

First Place – European BioHackathon 2021