Patryk Bundyra

📞 +48 668 752 812 | ✉ bundyradev@gmail.com | ⌂ PBundyra | in linkedin.com/in/pbundyra/

OBJECTIVE

Highly fast learning student seeking new challenges. Eager for opportunity to combine unique educational background with problem solving, leadership and communication skills to make a strong impact.

EDUCATION

University of Warsaw - Faculty of Mathematics, Informatics and Mechanics Oct. 2020 – Jun. 2023
BSc. in Computer Science Warsaw, Poland
- **Coursework**: Algorithms and Data Structures, Object Oriented Programming, Concurrent Programming, Databases
- **Languages**: Python, Java, C++, C, SQL
- **GPA**: 4.0 / 5.0

I High School Sept. 2017 - Jun. 2020
Student Bielsko-Biała, Poland
- **Finals**: **Top 1%** nationwide out of over 70 000 students in the Polish Matura Exam in **Math**
- **Winner** of the scholarship "Silesia. Investing in talents" out of over 150 000 students

EXPERIENCE

Covid Genomics Jul. 2021 – Sept. 2021
Python Developer/DevOps
- Implemented REST API Endpoints using **FastAPI** and **Python** that align genetic sequences with a given genome
- Accelerated and increased consistency of developing process by implementing set of development tools with **Python**
- Automated populating databases by creating ETL pipelines using **Airflow, DVC** and **Python**
- Created CI/CD pipelines using **Github Actions** that managed elastic **Kubernetes** clusters and PyPi repositories
- Created and managed **AWS** and **Azure** architecture

PROJECTS

- Java program simulating evolutionary experiment based on genetic code mutations and enviromental influence
- Python server application based on FastAPI framework, fetching and processing Github data in the JSON format
- C++ program analysing sequences of logic gates and producing outputs for every possible valuation of input gates
- C calculator of multivariable recurrent sparse polynomials implemented using dynamic pre-defined structures

LEADERSHIP/ACTIVITIES

ML in PL Association Mar. 2021 – present
- Organised the Students' Day during the '21 edition of the ML in PL Conference for over 700 people
- Contacted students organisations and scientific communities for promotional purposes

Machine Learning Society at the MIM UW Mar. 2021 – present
- Implemented fundamental algorithms of classic ML (KNN, SVM, genetic algorithms, identification trees) in **Python**
- Implemented models that use feedforward, convolutional, recurrent neural networks in **Python - NumPy, Pandas**

Students' Union of the Faculty of Mathematics, Informatics, and Mechanics Jun. 2021 – present
- Maintained previous and established new business relations with the Big Tech, the Big Four and the MBB companies
- Lead a several-person team which works with dozens of different companies
- Organised educational events and workshops for students in partnership with companies

TECHNOLOGIES AND LANGUAGUES

Languages: Python (NumPy, Pydantic, Typer, Pandas), Java, C++ (STL), C, SQL, Bash
Technologies: Airflow, Kubernetes, Docker, AWS, Azure, Git, Github Actions, DVC, Valgrind

OTHERS

- Problem-solving - puzzle enthusiast | Concrete Math & Algorithms and Data Structures college classes
- Thrives in a team environment & excellent communications skills
- Languages: English - C1 | Polish - native language