

# Krzysztof Hoszowski

## Software Engineer

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Krzysztof Hoszowski  
Silesian Voivodeship, Poland

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### About Me

Software engineer with experience in problem-solving, scripting, and software development. I have a solid foundation in C++, Python, Bash, and Linux, and am eager to expand my expertise in anything exciting. I'm known for adaptability, attention to detail, and effective communication, amongst other things.

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### Skills

#### Technical Skills

Linux: Bash, Threads, Processes, POSIX  
Windows: Registry, PowerShell

Python: TensorFlow, NumPy, SciPy, Matplotlib  
C++: Structured and Object-Oriented Programming  
Java: Maven, Junit, Apache NetBeans  
Web Development: PHP, JavaScript, Mermaid.js  
Database Engineering: MySQL, LibreOffice Base

Software Development: Strong understanding of software lifecycle and methodologies (Agile, Scrum, Waterfall)  
Version Control: Git, GitHub, Oh My Git!  
Document Preparation: LaTeX (Reports and Bachelor Thesis)  
Fast and Accurate Typing

#### Soft Skills

Adaptability and Flexibility  
Adjusting to Changing Requirements  
Attention to Detail  
Collaboration and Teamwork  
Continuous Skill Improvement  
Dedication to High-Quality Solutions  
Good at Explaining  
Good at Reporting  
Openness to Feedback  
Participation in Code Reviews and Pair Programming  
Proficiency in Collaborative Tools  
Rapid Learning of New Technologies  
Strong Interpersonal Skills

#### Languages

Polish: Native  
English: Bilingual  
German: A1

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## Experience

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### Lasertex sp. z o.o. / Software Engineer

Aug 2023 – Sep 2023, Wrocław, Poland

Delphi legacy code development. Developed interfaces for Windows users with metrological equipment, including:

- Lathe Measurement System LMS-5
- High Precision Laser Interferometer HPI-3D

### Lasertex sp. z o.o. / Electronic Engineer

Jul 2023, Wrocław, Poland

- Designed PCB layouts using Altium Designer, ensuring precision in assembly.
- Automated data acquisition using LabVIEW for high-precision sensors.
- Developed embedded software in C for sensor integration and hardware control.
- Received positive feedback for my contributions and teamwork.

### Politechnika Wrocławska / Computer Engineering Student

Oct 2020 – Jan 2024, Wrocław, Poland

- Provided leadership and significant contributions to university projects, achieving top grades (A, B+), always making a notable impact on project outcomes.
- Developed a convolutional neural network for music tonality prediction using Python and machine learning frameworks.
- Took leading role in software development projects involving Arduino and Python, including a gesture-controlled game and a remotely controlled mapping robot.

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## Education

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### Politechnika Wrocławska / Bachelor's in Computer Engineering

Oct 2020 – Jan 2024, Wrocław, Poland

Relevant coursework:

- Artificial Intelligence and Computer Vision
- Automation Using Bash Scripting (Linux)
- Physics Simulations in Mathematica and Matlab

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## Certifications and Learning

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CCNA: Introduction to Networks

Issued by Cisco

Badge ([click here to view](#))

- Intermediate (Silver) General Programming and Algorithms – [CodeSignal Badge](#)
- 80-day streak in the Elevate brain training app with rankings in the top 5% of my age group, including 97.33% in Math
- 50% completion in Advanced Coding Interview Preparation with Python – CodeSignal. Received [HashMaps Badge](#)

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## References

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Jyotiraditya V. Saraswat, IBM

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