Krzysztof Wiśniewski

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Third year Computer Science student. Looking for an opportunity to participate in real world projects and to acquire first job experience in software engineering. Currently on Erasmus+ program in Málaga, Spain. Cooperative, task-oriented, and eager to learn new concepts and methodologies. Fluent in both Polish and English. After internship open for further cooperation.

EDUCATION

Wrocław University of Science and Technology   Wrocław, Poland
Bachelor in Algorithmic Computer Science   *Oct. 2021 – Mar. 2025*

University of Málaga   Málaga, Spain
Erasmus+ program with CS courses   *Sep. 2023 – Feb. 2024*

EXPERIENCE

Filmder Application   Oct. 2022 – Present
Software Developer   *Wrocław, Poland*

- Developed a Graphical User Interface in React Native for an iOS and Android Application.
- Implemented login/password and Google OAuth2.0 user Authentication with Auth persistence using Firebase BaaS.
- Created Firestore rules, indexes and queries for non-relational database.
- Managed GitHub repository.

PROJECTS

Sorting Algorithm Visualizer | *Java, Maven, Swing, Git*

- Implemented various Sorting Algorithms such as MergeSort, QuickSort, SelectionSort.
- Developed a GUI application in Java Swing to visualize the sorting process.
- Used Thread-Based Multitasking for optimal speed and keeping GUI responsive during sort.
- Followed the Maven life-cycle of a project.

Social Media platform | *PHP, HTML, SASS, SQL, Git*

- Developed and maintained a Web Application in PHP that was a copy of Twitter.
- Created an SQL database for this project. Used procedures, functions and indexes.
- Implemented account creation and login with password hashing. Used sessions and cookies.
- Published this project on a hosting for everyone to use.

Online Checkers | *Java, Maven, MVC, Git*   May 2018 – May 2020

- A university group project to get familiar with different design patterns and version control systems.
- Created UML diagrams with patterns such as MVC (Model-View-Controller) and Strategy.
- Developed a Model and View part of an application.
- Participated in the process of making an AI bot with Mini-Max algorithm, Alpha-Beta pruning and state evaluation.

ACCOMPLISHMENTS

Rector's Scholarship | *Wrocław University of Science and Technology*

- The Rector's Scholarship was awarded for high learning results - top 10% of a class.

TECHNICAL SKILLS

Languages: Java, C/C++, Python, SQL, JavaScript, HTML/CSS
Frameworks: Maven, JUnits, React, ReactNative, Node.js, WordPress, Firebase
Developer Tools: Linux Terminal, Git, GitHub, GitTower, JIRA, VS Code, IntelliJ IDEA, DataGrip