Alexandru Malgras

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Alexandru Malgras (GitHub)

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alexandru_malgr1

SKILLS

- C#, Java, SQL, PLSQL, HTML, CSS, JavaScript
- .NET (WinForms, WPF, Core, WCF), AWS, Azure, MySQL, Oracle DB, REST API, Elastic Stack, Rhino 3D, Unity 3D, LINQ, NoSQL (Elasticsearch, Firebase, Cosmos DB)
- Git, Visual Studio, Visual Studio Code, IntelliJ IDEA, Docker
- Backend, Frontend, Testing, Object Oriented Programming, Secure Programming, Mathematics
- English, Romanian, French

EXPERIENCE

Aug 2022 – Feb 2023
Internship

Back-end Software Engineer
CyBe Construction, Oss, North Brabant, Netherlands
I developed an object validation service to guarantee the successful printing of 3D models. The validation involves a set of algorithms that enforce rules specific to 3D concrete printing. The biggest challenges were identifying the root causes of printing issues and constructing algorithms that could detect them.
Reference: Jari van Bakel (Email) (Phone)
C# / .NET / Testing / Rhino 3D / Algorithms / Problem Solving

Feb 2021 – Jul 2021
Internship

Back-end Software Engineer
Edorado Marine, Dordrecht, South Holland, Netherlands
I designed a dashboard on Amazon Web Services using the Elastic Stack to facilitate data analysis for the engineers at Edorado Marine. The dashboard visualizes boat data, which was collected by a logging program I also developed, that retrieves the data directly from Docker.
Reference: Peter Meijer (Email) (Phone)
Java / Amazon Web Services / Elastic Stack / SQL / Data Analysis

Jan 2018 – Jun 2018
Part-time

Mathematics Teacher Assistant
Moulton College, Northampton, England, United Kingdom
I assisted students who struggled on their final exam to better understand mathematical concepts.
Mathematics / Communication

EDUCATION

Sep 2018 – Feb 2023

Bachelor's degree
Fontys University of Applied Sciences – ICT & Software Engineering
In addition to following the main study path, I chose to broaden my skills by exploring different subjects. Specifically, I focused on Cyber Security and Game Design as my areas of specialization, and I opted for Embedded Systems as a minor.

Sep 2017 – Jun 2018

Bachelor's degree (BA)
University of Northampton – Drama and Dramatics/Theatre Arts
Since childhood, I have been captivated by the world of acting. Following high school, I enrolled in an acting program. Although I performed well as a student, I eventually decided to discontinue my studies after evaluating the career trajectories of my friends who completed the degree. I came to the realization that my expectations did not align with the path I had chosen. Despite not finishing the degree, I developed valuable communication and interpersonal skills.