

Nadine Bartosch

Software Developer



About me

As a dedicated software developer, I strive to be the reliable and flexible colleague who supports my team in developing an innovative software solution. During my application oriented bachelor's degree program I acquired a firm understanding of both frontend and backend software development, as well as connecting both areas in a multitude of different projects.

I am very curious and eager to learn new technologies and I love expressing my creativity by finding solutions and strategies to complex programming problems. Therefore, I am looking for an exciting and meaningful role as a software developer with professional development opportunities.

Contact

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🌐 <https://mohnblumentau.github.io/>

Languages

- German

100 %
- English

90 %
- Swedish

15 %

Skills

Unreal Engine	Java	C/C++	C#
Unity	R	SQL	CUDA
Android Studio	Databases	Git	Perforce

Work Experiences

Peter Pacheiner e.U. (02/2024 - 07/2024)

- Software developer in two projects
- worked with Java, TypeScript, Node.js, Gitlab, IntelliJ
- responsible for Unit Testing and different algorithms for individual software solutions such as the multi-depot vehicle routing problem

Bongfish GmbH (05/2023 - 01/2024)

- Game Developer for internal project
- worked with Unreal Engine 5 using C++ and Blueprints
- responsible for CCC and gameplay mechanics
- closely collaborating with Designers and Artists

Netto Marken-Discount (08/2021 - 04/2023)

Federal Volunteer Service (10/2012 - 03/2014)

Education

Salzburg University of Applied Sciences
(09/2018 - 2023)

- focus on game development
- two games released on steam
- minor in augmented and virtual reality

Mid Sweden University

(09/2017 - 08/2018)

Bachelor thesis: "Correspondence-based pairwise depth estimation with parallel acceleration."

Osnabrück University of Applied Sciences

(09/2014 - 08/2018)

- Computer Science and Media Applications (BASC)
- frontend and backend software development
- focus on distributed systems, databases and user interface and usability

University Game Projects

Octarina (09/2020 - 06/2021)

- third person physics-based 3D puzzle platformer
- developed gameplay mechanics using C++ and Blueprints in Unreal Engine
- co-responsible for steam release
- worked on level design
- cooperated closely with Artists

Carotic (11/2018 - 06/2019)

- top-down 3D couch-co-op hide-and-seek game
- developed gameplay mechanics using C# in Unity
- involved in game ideation process and game design