

Julian C. Stamm

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Education

- Max-Planck-Gymnasium Delmenhorst** Aug 2012 – July 2021
Abitur in General Higher Education Entrance Qualification
- Grade: 1.3
 - MINT-EC certificate "with distinction"
- Rheinische Friedrich-Wilhelms-Universität Bonn** Oct 2021 – Sept 2025
B.Sc. in Computer Science
- Grade: 1.2
 - [Bachelor's Thesis: Bidirectional Neural Radiance Caching](#) ↗
- Rheinische Friedrich-Wilhelms-Universität Bonn** Oct 2025 – present
M.Sc. in Computer Science
- Expected graduation date: 2027

Experience

- Temporary Worker in Software Development Team** Ganderkesee, Germany
Atlas Spare Parts GmbH May 2021 – Sept 2021
- Teaching Assistant** Bonn, Germany
Rheinische Friedrich-Wilhelms-Universität Bonn Apr 2024 – present
- Teaching assistant for the course "Introduction to Computer Graphics"
 - Assisted in the creation of exercises and exams
 - Teaching assistant for the course "Foundations of 4D/6D Object Capture for Virtual Environments"

Projects

- gltemplate** ↗ Aug 2023 – present
- OpenGL framework developed for CG exercises
 - Written in C++ and CMake
- Stable Real-Time Simulation of Mesoscopic Glints** ↗ Oct 2023 – Mar 2024
- Computer Graphics Lab as part of the B.Sc. Computer Science
 - Implementation of the discrete stochastic microfacet model from "Real-Time Rendering of Glinty Appearances Using Distributed Binomial Laws on Anisotropic Grids" by Thomas Deliot and Laurent Belcour
- nBounce** ↗ Aug 2024 – present
- Self-educational real-time software pathtracer
 - Written in Rust and wgpu
- BiNRC** ↗ Feb 2025 – Sept 2025
- OptiX implementation of my Bachelor Thesis "Bidirectional Neural Radiance Caching"
- PhotonNRC** ↗ Feb 2025 – present
- Falcor implementation of my Bachelor Thesis "Bidirectional Neural Radiance Caching"

Publications

- Photon-Driven Neural Radiance Caching** May 2026
 Julian C. Stamm, Tom Kneiphof, Reinhard Klein
[10.1145/3807895.3807923](https://doi.org/10.1145/3807895.3807923) ↗