

NICOLAS HAFNER

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[HTTPS://SHINMERA.COM](https://shinmera.com)

EDUCATION

Master ETH Zürich

2.2019 - 9.2020

- Entered into General Computer Science major with focus on Software Engineering and Computer Graphics.
- Suspended studies in 2020.

Bachelor ETH Zürich

9.2013 - 1.2019

- Bachelor's Thesis with Prof. Timothy Roscoe 2018
- Changed major to Computer Science 2014

PUBLICATIONS

- Shader Pipeline and Effect Encapsulation Using CLOS 2019
- Implementation of a Benchmark Suite for Strymon 2018
- Object Oriented Shader Composition Using CLOS 2018

WORK EXPERIENCE

Shirakumo Games

- Eternia: Pet Whisperer <https://store.steampowered.com/app/1605720> 2021

Freelance Work

- Local chair for the European Lisp Symposium 2020
- Logo design for the Lem project 2018
- Homepage design for Katharina Weis <https://kweis.ch> 2017
- Homepage and organisational work for the European Lisp Symposium <https://european-lisp-symposium.org> 2016

University of Bielefeld

2015

- Development of a visualisation tool for captured robotics data

PLANTA-GmbH Schweiz

9.2012 - 6.2013

- PLANTA project management & PLANTA customizer
- Development of automated deployment procedures with Python

Open-Source Projects

- Many published libraries in C, Java, Common Lisp & more <https://github.com/shinmera>
- The Trial game engine <https://shirakumo.org/trial> 2020
- Radiance - A web application environment <https://shirakumo.org/radiance> 2017
- The Portable Common Lisp IDE <https://portacle.github.io> 2017

Art

- Frequent digital drawings <https://studio.shinmera.com>
- 紫の世界: Urban Remains 2022 Desktop Calendar 2021
- 紫の世界: Reaching for the Sky 2021 Desktop Calendar 2020
- 紫の世界: Endless Depths 2020 Desktop Calendar 2019
- 紫の世界: Curious Sights 2019 Desktop Calendar 2018

Games

- Vegetable★Mash <https://shinmera.itch.io/vegetablemash> 2022
- Eco Tower <https://shinmera.itch.io/eco-tower> 2021
- Factory Reset <https://shinmera.itch.io/factory-reset> 2019
- Outsider <https://shinmera.itch.io/outsider> 2019
- Rush <https://shinmera.itch.io/rush> 2017
- The End of All We Know <https://shinmera.itch.io/the-end-of-all-we-know> 2015

Languages

- Fluent English
- Mother tongues German and Swiss German
- Standard Swiss high school education in French
- Basic Japanese