

FELIX SPRINGER

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felixspringer.xyz

Germany ◇ Hanover

EDUCATION

Leibniz Universität Hannover

August 2016 - today

Bachelor of Science

Major subject: Physics

Minor subject: Computer Science

Viktoria-Luise-Gymnasium Hameln

July 2008 - June 2016

General qualification for university entrance

Advanced courses: Physics, Mathematics, Geography

Grade average: 2.2

WORK EXPERIENCE

Institut für Quantenoptik

February 2020 - today

Technical Supervisor

- Operation and management of media technology
- Recording and editing videos of experiments for Physics lectures
- Event management

Institut für Botanik

March 2019 - June 2020

System Administrator

- Administration of the network and local servers
- Maintaining and providing personal computers
- Automating and monitoring data backup

Institut für Angewandte Mathematik

October 2018 - February 2019

Tutor

Lecture: Mathematics 1 for Life Science and Earth Sciences

- Weekly tutoring a class according to the lecture
- Grading exercises and exams

PERSONAL PROJECTS

go (work in progress)

github.com/jumper149/go

is a strategy board game and this implementation extends the ruleset by providing different boards to play on. This is a fullstack project with an HTTP server and a frontend web application compiled with GHCJS. It's written in Haskell, making use of various extensions to the type systems. It builds with Nix and integrates well with NixOS.

blugon (still maintained)

github.com/jumper149/blugon

is a simple and configurable Blue Light Filter for X. It's written mostly in Python and the main focus is to follow *nix standards.

TECHNICAL SKILLS

Languages

German, English

Programming languages

Haskell, Python, Bash, Nix, Scheme, Wolfram Mathematica, C

Software/Tools

GNU Coreutils, Linux, Git, Vim, SSH, L^AT_EX, roff, HTML, CSS