

Geon Young Lee

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github.com/nicolaslee2000

EDUCATION

RWTH Aachen University *Aachen, Germany*

Oct 2022 – Present

B.Sc. Computer Science

- Current Grade 2.0 (Highest achievable grade 1.0 : Lowest passing grade 4.0)
- Expected to graduate on Feb 2026

Christliche Deutsche Schule Chiang Mai *Chiang Mai, Thailand*

Jul 2012 – Aug 2020

Abitur (High School Diploma)

- Final grade: 1,7 (Highest achievable grade 1.0 : Lowest passing grade 4.0)

PROFESSIONAL EXPERIENCE

Faro Technologies *Aachen, Germany*

Mar 2023 – Present

Backend Web Development as Working Student

- Tech Stack: Kotlin, MongoDB, Elastics, Java
- Developed backend server for web based 3D modelling application

PROJECTS

KSV-Aachen (*React + Firebase*)

- Official website for Korean Student Initiative Aachen
- Worked as team with SCRUM sprint
- Implemented user authentication/dashboard with fully functioning backend
- Implemented several modern design changes
- ksvaachen.de

File-Decoder (*Java + Netbeans*)

- Solo project for java-based Windows utility application
- File handling application with utilities including: detecting/changing files' language encoding, extensive file/file content search etc.
- github.com/nicolaslee2000/File-Decoder

RWTH-Token Manager (*Typescript + Firebase*)

- Solo project using plain Typescript + Firebase as backend
- Browser Extension(Firefox/Chrome compatible) for handling OTP Authentication to RWTH-Aachen University moodle website
- github.com/nicolaslee2000/RWTH-Token-Manager

Systems Programming (*C*)

- Implementation of an OS for an ATmega644 microcontroller
- Topics: Process scheduling strategies, memory allocation strategies for internal, external & shared memory, internal A/D converter, scheduler ISR, Multilevel-Feedback-Queue

Send Snippet (*React + Firebase*)

- Solo project using React and Firebase as backend
- Utility website for sending files/code snippets to other devices using OTP
- sendsnippet.web.app

Library Booking Website (*Angular + Express*)

- Team project using Angular + Express
- Fullstack web application for viewing/booking university study rooms
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- Fullstack web application for viewing/booking university study rooms

SKILLS

Programming Languages: TypeScript · Python · Java/Kotlin · HTML · CSS · C · SQL

Tools & Frameworks: React · Git · Firebase · Nextjs · Angular · MongoDB · Angular

Languages: German (Proficient) · English (Proficient) · Korean (Native) · French (Intermediate)