Dylan Reid Ramelli
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Address
Via Pratocarasso 14
6500, Bellinzona
Switzerland

Date of Birth
05.09.1997

Nationality
CH/USA

Driving Licence
A,B

Links
Personal Github
LinkedIn
Utopia
M.A.R.S
Sgrid

Languages
English: Mother tongue
Italian: Mother tongue
German: Proficient
French: Conversational

Dylan Reid Ramelli

Education

2025 - 2027, USI Universtità della Svizzera Italiana
Master of Science in Informatics

2019 - 2023, USI Università della Svizzera Italiana
Bachelor of Science in Informatics

2015 - 2018, High School Breganzona
Swiss Federal Matura

Experience

May 2024 - May 2025, *Project Engineer*, AFRY
Detailed achievements:
- Developed project plans and guidelines that provided a roadmap for the successful completion of federal highway IT infrastructure projects
- ICT consultant in the procurement of a "Standard IT Application" for the canton of Ticino's office of Treasury

January 2020 - April 2024, *Research Assistant*, USI - Università della Svizzera Italiana
- Collaborator on the research project FRANETG. "Fracture Network Growth". The focus was on restructuring the entire CMake project to improve CI/CD

Software Development Skills

Programming
- Java
- CMake
- Python
- Flutter
- C++
- React

Computer Software and API's
- Unreal Engine
- Vulkan/OpenGL
- Blender

Projects

2023, *Bachelor Project, Rotation of Multidimensional Signals with Spectral Schemes*, USI Universita della Svizzera Italiana
The goal of this project is to rotate multidimensional signals (images, 3D models) while maintaining a high degree of accuracy and performance.

2023, *Checkmate Sagl, Mensa Moesano mobile application*
I collaborated with a team of developers to create the frontend part(React) of a school-lunch reservation app.

References

Dr. Diego Rossinelli from USI - Università della Svizzera Italiana
diego.rossinelli@usi.ch

Dr. Patrick Zulian from USI - Università della Svizzera Italiana
patrick.zulian@usi.ch

Interests

Professional & Personal
Ski Instructor G+S, Paragliding Pilot, Beekeeper, Game Development