Jana Egli

Personal Details

Name   Jana Egli

Address   Wagenstrasse 6
                    8200 Schaffhausen
                    Switzerland

Phone   +41 76 545 02 74

E-Mail   eglij@student.ethz.ch

Date of birth   16.07.1997

Education

September 2020 – Present
Masters at ETH Zurich
Major: Biomedical Engineering
Track: Biomechanics

September 2017 – August 2020
Bachelors at ETH Zurich
Major: Health Science and Technologies

September 2016 – August 2017
Bachelors at University of Zurich
- Major: Biology
- Minor: Astrobiology/Astronomy,
          Earth System Sciences

August 2012 – July 2016
Upper Secondary School, Frauenfeld
- Major: Economics and Right
- Minor: Human-biology
  Graduated with diploma

August 2010 – July 2012
Secondary School Reutenen, Frauenfeld

January 2007 – July 2010
Primary School Spanner, Frauenfeld

August 2004 – December 2006
Primary School Huben, Frauenfeld

Research Experience

Research Assistant at
Soft Robotics Lab
October 2023 – December 2023

ETH Zurich, Robotics Lab
Tannenstrasse 3
8092 Zurich, Switzerland

Master's thesis at
Soft Robotics Lab
February 2023 – September 2023

ETH Zurich, Soft Robotics Lab
Tannenstrasse 3
8092 Zurich, Switzerland

Internship at Sentec
September 2021 – February 2022

Sentec AG,
Ringstrasse 39
4106 Therwil, Switzerland

Semester Project at
Orthopedic Biomechanics Lab
February 2021 – May 2021

Balgrist Campus
Lengghalde 5
8008 Zurich, Switzerland

Teaching Experience

Coach for Cybathlon @School
September 2022 – Present

ETH Zurich, CYBATHLON
Haldeneggsteig 5
8092 Zürich, Switzerland

Teaching Assistant
Mathematics and Physics
August 2016 – July 2018

Upper Secondary School Frauenfeld
Ringstrasse 10
8500 Frauenfeld, Switzerland

Publications

First-author publications:

Sensorized Soft Skin for Dexterous Robotic Hands
(under review as IEEE conference paper, ICRA 2024)

Skills

Languages

German, native speaking
English, C1/C2
French, B2
Chinese, A2

IT Skills

MatLab
Octave
Python, basics
R-Studio, basics
OpenSim
LabView, basics
Arduino, basics
CAD/Fusion 360

Fabrication Experience

Multi-material 3D printing
Silicone casting