

Daniil Aktanka

Sustainable Systems Engineer



daniil-aktanka



akthonka



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EXPERIENCE

STM MINERALS AG TECHNICAL ASSISTANCE ENGINEER

Aug 2020 - Jul 2023 | Baden, CH

- conceptualized, researched, designed, developed and successfully implemented an IoT industrial product for PLC sensor readout data storage and transmission for remote locations (ft. a MariaDB database and Grafana dashboard)
- created a 3k+ MATLAB App Designer software application tool for mill sizing (for sales and engineering)
- "assisted in design" of the strain gauge system for grinding media level measurement

ENGINEER INTERN

Aug 2019 - Jul 2020 | Baden, CH

- performed data analysis of grinding media levels using machine learning (XGBoost)
- created a VBS template Word document parsing, stitching and UserForm fillout
- created standardized document and blueprint schematics (Microsoft Word & Visio)

PROJECTS

POWER FLOW SIMULATION ANALYSIS | PYTHON

2023

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- Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin ullamcorper venenatis nisi at suscipit.

CUSTOM FIRMWARE/HARDWARE KEYBOARD | C

2022

- Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin ullamcorper venenatis nisi at suscipit. Vestibulum vel odio in diam ultrices posuere. Cras suscipit faucibus ullamcorper.
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EDUCATION

MSC TECHNOLOGY MANAGEMENT

Sep 2023 - 2024

UNIVERSITY COLLEGE LONDON

MANAGEMENT ESSENTIALS COURSE

2022

HARVARD BUSINESS SCHOOL

ONLINE

BSC SUSTAINABLE SYSTEMS ENGINEERING

Sep 2020 - 2023

UNIVERSITY OF FREIBURG

SKILLS

PROGRAMMING

Experienced:

Python • MATLAB • LaTeX

Familiar:

SQL • VBA • git • C • shell

SOFTWARE

Profficient:

Microsoft Office • Visio •

Adobe Photoshop/Lightroom

LANGUAGES

Native/C1:

English • Russian • German

Confident/B2.1:

French

INTERESTS

HOBBIES

Photography • Art