

# Christian Stankov

17.02.1994, Berlin

DE-13189 Berlin, Deutschland, Berlin

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## Professional Experience

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### Process Engineer / Digital Transformation Engineer

*p2m Berlin*

Digital Engineering:

*since 05/2023*

- Design and implementation of data-centric design workflows
- Development of a turbo compressor planning application
- Development of a project controlling tool
- Conceptualization of BIM-compliant planning approaches
- Package development (R)

Data Analytics:

- Collection, cleaning, analysis, visualization and presentation of process data
- Benchmarking of wastewater treatment plants
- Development of interactive dashboards and reports

Process Engineering:

- Design of a €10 M wastewater treatment plant's air-supply system with turbo compressors
- Anaerobic digestion feasibility study for a wastewater treatment plant
- Energy analysis according to DWA-A 216
- Process design and optimization
- Supervision of a research project (FlexTreat)

### Business Owner

*clean-house Bernau*

Takeover of the family business:

*since 2020*

- Administrative activities
- Energy optimization of operations (heat recovery)

### Freelancer

Tutoring in mathematics: university foundation modules and German a-levels

*2017 – 2023*

### Working Student

*Kompetenzzentrum*

*Wasser Berlin*

Preliminary design of wastewater treatment processes and adsorption analyses

*10/2017 – 10/2018*

### Intern

*BUND e.V.*

Reduction of energy consumption in hospitals

*08/2015 – 10/2015*

## Academic Education

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### M.Sc. Environmental Engineering (1.2)

*TU Berlin*

Thesis: Development and validation of a simulation of low-temperature distillation and crystallization for treating wastewater concentrates

*2017 – 2022*

Focus areas:

- Environmental process engineering
- Wastewater process engineering
- Urban water management

### B.Sc. Environmental Engineering (2.4)

*TU Berlin*

Thesis: End-of-life assessment of the bicycle life cycle

*2012 – 2017*

### Abitur (1.8)

*Barnim Gymnasium*

Schnellläuferklasse

*2005 – 2012*

## Personal Skills

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### Languages

German (native), English (business fluent), French (basic)

### Programming

R, R-Shiny, Git, Quarto, LaTeX

Basics: Python, SQL, CI/CD, C, SysML (v2), NetLogo, Typst

### Software

MS Office, RStudio, GitHub, VSCode, Jupyter, Typst, Quarto, LaTeX, GitHub Desktop, Sourcetree, Odoo, Alfresco

### Driver's licence

Class B

## Certificates

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### Google Advanced Data Analytics

*online*

06/2025

### Google Data Analytics (DE)

*online*

08/2024

## Courses

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### Model Based Systems Engineering with SysML v2

*Hamburg, Germany*

2025

### TWEED Hybrid Summer School

*Amman, Jordan*

2022

## Academic Presentations

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### Treatment of wastewater concentrates

*Amman, Jordan*

1st GJU Symposium on Sustainable Development

2022