Yannick Perrenet

WORK EXPERIENCE

2020-2023 **CTO & Co-Founder | Orchest, Rotterdam**
- Raised $4.15M from top-tier investors such as Gradient Ventures (Google's AI/ML fund).
- Created and monetized the Orchest open source project (4k+ GitHub stars): an auto-scaling data pipeline orchestrator on top of Kubernetes using Python, TypeScript, Golang, Docker.
- Stakeholder management between investors, partnerships, customers and employees.
- Hired, led and managed our team of 5 senior full-time developers.
- Responsible for all tech-related decisions to continuously deliver a secure and robust product.

2019-2019 **Scientific Software Developer Intern | Alliander, The Hague**
- Added probabilistic interactions between critical infrastructure entities and extreme rainfall to their finite grid simulation in Python and C++.

2017-2018 **Data Scientist | Dutch Analytics, Delft**
- Increased the recall of the anomaly detection predictions for costly railroad switch failures by introducing and implementing the Matrix Profile algorithm in Python.

2017-2018 **Lead Python Course Developer | Creating Insights University, The Hague**
- Developed and continuously taught a 5-day Python course on data analysis using the PyData stack to financial consultants and bankers.

EDUCATION & CERTIFICATIONS

2018-2019 **MSc Applied Mathematics, Delft University of Technology**
- Specialization in stochastics combined with a set of extra courses from Computer Science on deep learning and advanced algorithms, 8.5/10 GPA.
- Dropped out to found Orchest.

2017-2018 **Bridging program to Computer Science, Delft University of Technology**
- Personal supplementary program for admission to the MSc Computer Science, 8.0/10 GPA.

2014-2018 **BSc Applied Mathematics, Delft University of Technology**
- For my thesis, I tuned an ensemble of NNs to predict the profitability of a bottom straddle for European options based on extracted semantics of general news headlines, grade 8.5/10.

2008-2014 **Gymnasium N&T, ISW Hoogeland, Naaldwijk**
- Concluded my research project and mathematics finals with the highest possible grade: 10/10.

2016 **Microsoft** Programming with Python for Data Science
2015 **MIT** Data Science: Data to Insights

OTHER

Programming languages: Python, Rust, HTML/CSS, Bash, SQL
Technologies: Kubernetes, Docker, AWS, Git, Postgres, Linux
Languages: Dutch (native), English (fluent), German (proficient)
Personal interests: Bouldering, padel, competitive programming, cybersecurity