

## BART HOMPES

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## CURRICULUM VITAE AUGUST 2024

Prinses Irenestraat 15, 6024 BB

Budel-Dorplein, The Netherlands

Process optimization professional with over a decade of experience in process mining, business process management and data science. Expert in leveraging process mining to deliver actionable insights and drive business improvements. Proven track record in coordinating with diverse stakeholders and building high-performing teams. Guides organizations in creating process mining centers of excellence and streamlining processes. Connects business needs with IT solutions by translating requirements into actionable data insights. Motivated by innovation. Loves riding his motorcycle and exploring the planet.

### EDUCATION

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- PhD Process mining** | Eindhoven University of Technology & Philips research, NL 2014 – 2018
- Improving processes by combining data science and BPM techniques.
  - Developed and published process optimization algorithms and tools.
- MSc Business Information Systems** | Eindhoven University of Technology, NL 2010 – 2014
- BIS unites computer science and industrial engineering.
  - Majored in Business Process Management. Grade 8.5 / 10.
- BS Applied computer science** | PHL University of applied sciences Hasselt, BE 2007 – 2010
- Major in application development. Cisco CCNA computer networking.
  - Graduated Magna Cum Laude and received honors for group project work.
- BS Computer science** | Eastern Kentucky University, USA 2010
- Exchange program with internship and courses in computer science and forensics.
  - GPA: 4.0. President's award.

### EXPERIENCE

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- Freelance process mining consultant** | Artifex consultancy 2013 – present
- Providing strategy for project portfolio pipelines, program management, and ways of working.
  - Guiding and training of corporations and individuals to obtain value from process data.
  - Design and implementation of process monitoring and optimization solutions using custom, open source, and third-party vendor process mining, BPM, and RPA software.
  - Analysis of process event data to optimize business process performance, cost, and quality through the generation of actionable insights.
- PhD researcher (to defend)** | Eindhoven University of Technology & Philips research 2014 – 2018
- Improving business processes using process mining and related data science techniques.
  - Published and presented in business process management and mining conferences and journals.
  - Organized and gave process mining workshops for Philips staff and Data Science flagship PhDs.
  - Supervised master student graduation projects and coached Honors students in Big Data track.
  - Instructed courses in Business Process Management Systems and Business Process Intelligence.
- CTO & co-founder** | Aviliz 2015 – 2018
- Architected, developed, and integrated an online data-driven recruitment platform based on machine learning and artificial intelligence technologies.
  - Supported business activities in finance, IT, and data science sectors.
  - Handled communication with near-shore development team (scrum / agile lead).
  - Hired computer science staff and provided secondments and internships at client sites.
  - Co-initiated personal and career growth opportunities for junior staff.
- Visiting researcher** | Queensland University of Technology, University of Liechtenstein 2015, 2016
- Collaborated with the group of prof. dr. Jan vom Brocke (Uni LI) on research on BPM in the area of process performance and service level agreements specification and analysis.
  - Collaborated with prof. dr. Marcello La Rosa (QUT, AUS), prof. dr. Marlon Dumas (University of Tartu, EE), and dr. Abderrahmane Maaradji (QUT, AUS) on research on causal relationships in process KPIs.
  - Developed a technique that discovers causal relations between process performance indicators based on time series analysis. Published and presented at major BPM / IS conference CAiSE 2017.

**Interim web content manager | ERIKS**

2011 – 2013

- Greatly improved content management pipeline using Robotic Process Automation (RPA).
- Created website content together with marketing and communications and provided training.

**Volunteer & co-founder | Stichting Offroad Budel (Foundation)**

2011 – present

- Organization of a 4x4 off-road event visited yearly by 7,500+ visitors and 1,500+ participants.
- Funding local sports team (Motoball, competing in national and European championships).

**RECENT PROJECTS**

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**APG**

2024 – present

Algemene Pensioen Groep NV (All Pension Group) is a pension investment company and asset manager, and a direct subsidiary of Stichting Pensioenfonds ABP (National Civil Pension Fund), the largest pension fund in the Netherlands. In this project, I support APG in their Celonis migration from on-premise to the cloud. I am primarily concerned with governance and security and my responsibilities include managing communications between customer and vendor with regards to product features and requests.

**NXP**

2023 – 2024

NXP is a global semiconductor company creating solutions that enable secure connections for a smarter world. In this project, I support NXP's process mining team in their efforts to support the migration from SAP ECC to SAP S4. My responsibilities are mostly related to updating and improving existing process mining implementation efficiency as well as setting up best practices going forward.

**Philips**

2019 – 2023

Philips is a leading health technology company that is heavily investing in process mining at the enterprise level. Since the start of the program, I have led the continuous improvement initiative to guide and support the maturation of the process mining capability within Philips. This includes topics such as project lifecycle modeling, integration into the global IT landscape, portfolio and roadmap management, and project and resource planning. My responsibilities span from training to the development of process mining dashboarding and process analysis. Additionally, my team supports the global markets and business process owners with value cases across processes including order-to-cash, purchase-to-pay, lead-to-order, audit, and across different systems such as SAP and Salesforce.

**Vanderlande**

2022

Vanderlande is the global market leader for future-proof logistic process automation at airports and is a leading supplier of process automation solutions for warehouses and in the parcel market. Vanderlande is investing heavily in different technologies as part of their continued innovation efforts. In this context, my focus was to guide and support Vanderlande in understanding and integrating the latest process mining technology (object-centric process mining) in their next generation process support software.

**Roche**

2019 – 2020

Roche creates innovative medicines and diagnostic tests that help millions of patients globally. In this project, I was responsible for the new data-driven way of working and co-developed the roadmap for data-driven personalized healthcare in the Netherlands. My direct focus was optimizing visibility of operational expenditure (OPEX) and the financial reporting process, while reporting directly to the CFO. I collaborated with and visited other Roche affiliates, healthcare organizations, and hospitals and engaged in think-tanks that advised the C-suite on topics such as budgeting, planning, and compliance.

**LANGUAGES**

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- Dutch C2
- English C2
- Spanish B2
- German B1
- French B1

**SOFTWARE**

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- Celonis
- Signavio (SAP)
- SQL Server
- Salesforce
- UiPath
- Lana (Appian)
- PowerBI
- SAP
- Fluxicon Disco
- myInvenio (IBM)
- Tableau
- Splunk
- Minit (Microsoft)
- Mindzie
- Qlik
- ELK Stack

**PROGRAMMING**

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- C# 10+ y
- Java 10+ y
- SQL 10+ y
- Python 5+ y