

BART HOMPES

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CURRICULUM VITAE NOVEMBER 2020

Parallelweg 4, 6023 BC
Budel-Schoot, The Netherlands

Process optimization professional with proven knowledge and experience in data science and business process management. Helps companies design and implement efficient processes through analysis, monitoring and continuous improvement, and provides process mining training and workshops. Brings together business and IT by translating requirements into solutions and data into actionable insights. Motivated by innovation. Loves riding his motorcycle and exploring the planet.

EDUCATION

- PhD Process mining** | Eindhoven University of Technology 2014 – 2018
Improving processes by combining data science and BPM techniques. Developed process optimization algorithms and tools. Collaboration with Philips Research (Data Science Flagship).
- MSc Business Information Systems** | Eindhoven University of Technology 2010 – 2014
BIS unites computer science and industrial engineering.
Majored in Business Process Management. Grade 8.5 / 10.
- BS Applied computer science** | PHL Hasselt 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 2010
Exchange program with internship and courses in computer science and computer forensics.
GPA: 4.0. President's award.

EXPERIENCE

- Freelance consultant** | Artifex consultancy 2013 – present
- Analysis of process event data to optimize business process performance, cost, and quality through the generation of actionable insights.
 - Design and implementation of process monitoring and optimization solutions using custom, open source, and third-party vendor process mining and BPM software.
 - Guiding and training of corporations and individuals to obtain business value from data.
 - Creation of dashboards and BI systems to support daily operations and decision-making.
 - Setup of project portfolio pipeline and program management way of working.
- Researcher** | Eindhoven University of Technology & Philips research 2014 – 2018
- Improving business processes using process mining and related data science techniques.
 - Published and presented in main business process management 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 master- and bachelor-level 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.
 - 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 internships and secondments at clients.
 - Co-initiated personal and career growth opportunities for junior staff.
- Visiting researcher EU H2020 MSCA-RISE BPM** | Queensland University of Technology 2016
- Collaborated with prof. dr. Marcello La Rosa, prof. dr. Marlon Dumas (University of Tartu, EE), and dr. Abderrahmane Maaradji 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.

Visiting researcher EU H2020 MSCA-RISE BPM | University of Liechtenstein

2015

- Collaborated with the group of prof. dr. Jan vom Brocke on research on process performance and service level agreements specification and analysis.

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 motoball sports team (competing in national and European championships).
- Developed the online registration and participant management system and analysis dashboards.
- Developed new websites and marketing material.

PROJECTS

Philips

2020-present

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

Roche Netherlands

2019-2020

Roche creates innovative medicines and diagnostic tests that help millions of patients globally. Central to Roche's North Star vision is Personalized Healthcare. In this project, I was responsible for the new – data-driven– way of working and assisted in the development of the roadmap for data-driven personalized healthcare in the Netherlands. My team set up an improved reporting standard using the Roche global data warehouse and Tableau. My direct focus was on optimizing visibility of operational expenditure (OPEX) and optimization of the financial reporting process in general, while reporting to the CFO. In order to streamline operations, my team collaborated with and visited other Roche affiliates, healthcare organizations, and hospitals. Simultaneously, I participated in a think-tank that advised the C-suite in strategic planning sessions regarding topics such as budgeting, planning, and compliance.

LANGUAGES

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

PROGRAMMING

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|--------|-------|----------|------|--------|-------|--------------|-------|
| • Java | 10+ y | • Python | 5+ y | • SQL | 10+ y | • CSS | 10+ y |
| • C# | 10+ y | • R | 5+ y | • XML | 10+ y | • JavaScript | 8+ y |
| • VB | 5+ y | • PHP | 8+ y | • HTML | 10+ y | • AngularJS | 4+ y |

SOFTWARE

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|-----------------------------|--------------|-------------|-------------------|
| • Celonis | • Lana labs | • PowerBI | • Visual studio |
| • UIPath f.k.a. ProcessGold | • myInvenio | • Tableau | • Eclipse |
| • Fluxicon Disco | • SQL Server | • Qlik | • Jenkins CI / CD |
| • Minit Process Mining | • SSIS ETL | • SAP | |
| | • SSDT-BI | • SAS | |
| | • SSRS | • ELK Stack | |