PAUL VENHAUS

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WORK EXPERIENCE

08/19 - 04/22 ● **SOFTWARE ENGINEERING CONSULTANT**
Thoughtworks | Berlin, Germany

Thoughtworks is a global software consultancy with an aim to create a positive impact on the world through technology.

- Worked on large-scale, custom-designed software development projects
- Coached clients on modern agile software development practices like TDD and CI/CD
- Helped create collaborative, value-driven teams to build innovative customer experiences
- Advocated for clean code and a strong feedback culture
- Frequently held client-facing and internal presentations
- Co-authored global frontend engineer hiring process
- Contributed to the ThoughtWorks Tech Radar

PROJECT: PAYMENT HANDLING AND MATCHING OF E-COMMERCE STORE
- Back-end web development
- Infrastructure / DevOps work
- Work in co-delivery setting, regular pair-programming and coaching of client-side developers in agile methodologies and modern software development practices
- Daily contact and planning with client-side leadership, extensive stakeholder management

Tech Stack: Java, Spring, JUnit, Maven, AWS, Terraform, Postgres, Docker, GitHub Actions, Git, Micro-Services

PROJECT: WEBAPP FOR IN-STORE SALES EXPERIENCE OF AUTOMOTIVE BRAND
- Full-stack web development with strong frontend focus
- Interim tech leadership in a cross-continental team
- Fulfilled a variety of roles supporting Business Analysts, Experience Designers and Quality Analysts
- Daily contact and planning with client-side leadership

Tech Stack: JavaScript, React, Redux, CSS, NPM, yarn, Webpack, React Testing Library, Selenium, Saucelabs, Kotlin, Spring, JUnit, Gradle, Docker/Kubernetes, GoCD, Kibana, Git, Micro-Services

06/18 – 09/18 ● **SOFTWARE ENGINEER & RESEARCHER**
~sedna GmbH | Berlin, Germany

Sedna builds top-quality and reliable digital signage and multitouch projects that operate under the most demanding conditions, powering e.g. ~75% of the billboards on Time Square in New York.

- Created an innovative blockchain-based solution for ~sedna GmbH as part of my master thesis

Tech Stack: JavaScript, NodeJS, Hyperledger Fabric, Docker, MongoDB, Git

01/16 – 03/16 ● **TECHNOLOGY STRATEGY CONSULTING INTERNSHIP**
Accenture | Berlin, Germany

10/15 – 12/15 ● **ENTREPRENEURIAL INTERNSHIP**
99chairs | Berlin, Germany

EDUCATION

09/17 – 10/18 ● **M.SC. COMPUTER SCIENCE**
University College London | London, United Kingdom | *GPA: 84%, Distinction*
Thesis: A Blockchain-Based Framework for Multi-Organisational Project Management

08/14 – 12/14 ● **UNIVERSITY EXCHANGE**
Hong Kong University of Science and Technology | Hong Kong | *GPA: 94% (3.765), Dean's List*

09/12 – 06/15 ● **B.SC. INTERNATIONAL BUSINESS**
Maastricht University | Maastricht, The Netherlands | *GPA: 85% (8.48), Cum laude*
Major: Finance (International Financial Management, Options & Futures)

VOLUNTEERING

09/13 – 08/16   **GLOBAL AMBASSADOR**
Love Foundation Global | Maastricht, The Netherlands
- Helped a student-led charity for poverty alleviation grow from ~15 to over 100 active members in 9 cities to date
- Planned, promoted and executed activities ranging from social networking events to a charitable football tournament for the general student body

09/13 – 06/14   **CHAIR OF THE SOCIAL ACTIVITIES COMMITTEE**
SCOPE Maastricht | Maastricht, The Netherlands
- Oversaw the preparation and execution of student events with up to 1,400 participants
- Coordinated and facilitated regular meetings for the committee

10/11 – 02/12   **ENGLISH TEACHER**
Colegio del Erpíritu Santo | Rio Ceballos, Argentina
- Taught English as a second language to 2 classes of 25 students aged 14 to 18

AWARDS & CERTIFICATES

2019	**Machine Learning by Stanford University on Coursera**
2018	**UCL - Graduation with Distinction**
2018	**UCL Student Showcase Prize for App Design**
2016	**ITIL Foundation Certificate in IT Service Management**
2015	**Maastricht University - Graduation Cum Laude**
2014	**HKUST - Dean's List**

SPOKEN LANGUAGES

German
Native Speaker

English
Bilingual Proficiency

Spanish
Full Working Proficiency

MASTER THESIS

Title	**A Blockchain-Based Framework for Multi-Organisational Project Management**
Description	I worked at ~sedna GmbH to research a prototypical solution that enables the trusted creation, management, and immutable documentation of projects between multiple untrusting organisations. This is achieved through the combination of local networks of containerised components and shared permissioned Hyperledger Fabric blockchains. Identity and access control mechanisms throughout the system ensure that all data and operations are only accessible to the intended users.

BACHELOR THESIS

Title	**Implied Binomial Trees**
Description	I examined the evolution of option pricing models from the Black-Scholes-Merton model, via binomial trees to implied binomial trees. I further explored several shortcomings of one-dimensional diffusion models and explored how financial engineers incorporated the changed market conditions after the 1987 stock market crash into the pre-existing concept of binomial trees.

PERSONAL INTERESTS

Travel	I am curious by nature and try to never stop exploring. Over the past ten years I have visited 48 countries. Travel is and continues to be an important part of my life.
Computers	Computers and technology excite me since childhood. I am enthusiastic about the prospect of contributing to future technological developments.
Mindfulness	Mindfulness and meditation are an important part of my life. I have found that the focus and clarity it brings enhances both my happiness as well as my drive and productivity.
Music	I derive inspiration and motivation from music. Beyond electronic sounds the piano is important to me as I have been playing it since the age of 5.

LANGUAGES & TECHNOLOGIES

Advanced	Java, JavaScript, SQL, Hyperledger Fabric
Intermediate	Php, Miranda, MIPS Assembly

LANGUAGES & TECHNOLOGIES

JAVA		PHP	
JAVASCRIPT		MIRANDA	
SQL		MIPS ASSEMBLY	
HYPERLEDGER FABRIC		SHELL SCRIPT	

LANGUAGES & TECHNOLOGIES

ADVANCED

INTERMEDIATE

LEARNING

JAVA	JAVASCRIPT	SQL	HYPERLEDGER FABRIC

PHP	MIRANDA	MIPS ASSEMBLY	SHELL SCRIPT