

# PAUL VENHAUS

Creative and versatile problem solver with a passion for technological innovation and continuous learning.

## EDUCATION

09.17 – 10.18	<b>M.SC. COMPUTER SCIENCE</b> <i>University College London</i>   London, United Kingdom, TBA
08.14 – 12.14	<b>UNIVERSITY EXCHANGE</b> <i>HKUST</i>   Hong Kong   GPA: 3.765/4, Dean's List
09.12 – 06.15	<b>B.SC. INTERNATIONAL BUSINESS</b> <i>Maastricht University</i>   Maastricht, The Netherlands   GPA: 8.48/10, cum laude Major: Finance (International Financial Management, Options & Futures)
08.02 – 06.11	<b>ABITUR</b> <i>Emil-von-Behring Gymnasium</i>   Grosshansdorf, Germany   GPA: 1.6
08.08 – 12.09	<b>HIGH SCHOOL EXCHANGE</b> <i>Highland Secondary</i>   Comox, British Columbia, Canada   GPA: 85.75%

## MASTER THESIS

Title	<b>A Blockchain-Based Framework for Multi-Organisational Project Management</b>
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	<b>Implied Binomial Trees</b>
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.

## CODING LANGUAGES & TECHNOLOGIES

Advanced	 JAVA	 JAVASCRIPT	 SQL	 HYPERLEDGER FABRIC
Intermediate	 PHP	 MIRANDA	 MIPS ASSEMBLY	 SHELL SCRIPT

## WORK EXPERIENCE

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- 06.18 – 09.18** ● **SOFTWARE ENGINEER**  
*~sedna GmbH* | Berlin, Germany
- Worked as a software engineer during my master thesis
  - Performed market research of available permissioned blockchain solutions
  - Defined requirements in cooperation with company leadership
  - Designed, built and tested a working blockchain solution based on Hyperledger Fabric
  - Wrote extensive code documentation and user guide to facilitate project continuation.
- 01.16 – 03.16** ● **TECHNOLOGY STRATEGY CONSULTING INTERNSHIP**  
*Accenture* | Berlin, Germany
- Created and presented project plans and presentation slides
  - Researched relevant project material and innovative topics surrounding automation
  - Prepared and participated in internal workshops, gatherings and customer interviews
  - Gathered experience working both remotely as well as on-site alongside the client
- 10.15 – 12.15** ● **ENTREPRENEURIAL INTERNSHIP**  
*99chairs* | Berlin, Germany
- Supported the founders in strategically important projects
  - Assisted in product improvement using Ruby on Rails
  - Led projects in the areas of business development, online marketing, product, sales, operations and HR
- 04.12 – 07.12** ● **INTERNSHIP**  
*Ergo Versicherungsgruppe* | Hamburg, Germany
- Conceptualised and crafted internal marketing material
  - Consolidated information for presentation and print
  - Organised incentive events, trips and advanced education seminars throughout Germany

## VOLUNTEERING

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- 09.13 – 08.16** ● **GLOBAL AMBASSADOR**  
*Love Foundation Global* | Maastricht, The Netherlands
- Assisted in the establishment and promotion of a student-led charity foundation with over 100 active members in 7 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 Espíritu Santo* | Río Ceballos, Argentina
- Taught English as a second language to 2 classes of 25 students aged 14 to 18
  - Participated in local social projects

## PERSONAL INTERESTS

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| <b>Travel</b>      | I have been fortunate enough to be able to visit 48 countries so far including a recent year long solo trip around the world |
| <b>Computers</b>   | I have been a computer enthusiast and avid consumer of tech journalism since childhood                                       |
| <b>Mindfulness</b> | I have been practicing daily meditation for over 5 years   |
| <b>Piano</b>       | I have been playing the piano since I was 5 years old  |

# CERTIFICATES

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2016



ITIL FOUNDATION CERTIFICATE IN IT SERVICE MANAGEMENT

# SPOKEN LANGUAGES

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**German**  
Mothertongue

**English**  
Bilingual Proficiency

**Spanish**  
Limited Working Proficiency









# LANGUAGES & TECHNOLOGIES

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

# LANGUAGES & TECHNOLOGIES

JAVA	<div><div></div></div>	PHP	<div><div></div></div>
JAVASCRIPT	<div><div></div></div>	MIRANDA	<div><div></div></div>
SQL	<div><div></div></div>	MIPS ASSEMBLY	<div><div></div></div>
HYPERLEDGER FABRIC	<div><div></div></div>	SHELL SCRIPT	<div><div></div></div>

# LANGUAGES & TECHNOLOGIES

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