PAUL VENHAUS

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

EDUCATION

09.17 – 10.18	**M.SC. COMPUTER SCIENCE**	
	University College London | London, United Kingdom | *GPA: 84%, Distinction*	
08.14 – 12.14	**UNIVERSITY EXCHANGE**	
	Hong Kong University of Science and Technology | Hong Kong | *GPA: 3.765/4, Dean's List*	
09.12 – 06.15	**B.SC. INTERNATIONAL BUSINESS**	
	Maastricht University | Maastricht, The Netherlands | *GPA: 8.48/10, Cum laude*	
	Major: Finance (International Financial Management, Options & Futures)	
08.02 – 06.11	**ABITUR**	
	Emil-von-Behring Gymnasium | Grosshansdorf, Germany | *GPA: 90% (1.6)*	
08.08 – 12.09	**HIGH SCHOOL EXCHANGE**	
	Highland Secondary | Comox, British Columbia, Canada | *GPA: 85.75%*	

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.

CODING LANGUAGES & TECHNOLOGIES

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

WORK EXPERIENCE

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

09.13 – 08.16

GLOBAL AMBASSADOR
Love Foundation Global | Maastricht, The Netherlands
- Assisted in the establishment and promotion of a student-led charity for poverty alleviation 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 Erpíritu Santo | Rio 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

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.

CERTIFICATES

2016 ● **ITIL FOUNDATION CERTIFICATE IN IT SERVICE MANAGEMENT**

2019 ● **MACHINE LEARNING BY STANFORD UNIVERSITY ON COURSERA**

AWARDS

2018 ● **UCL STUDENT SHOWCASE PRIZE FOR APP DESIGN**

SPOKEN LANGUAGES

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		**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