

# 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: 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)
- 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%

## WORK EXPERIENCE

- 06.18 – 09.18 ● **SOFTWARE ENGINEER & RESEARCHER**  
*~sedna GmbH* | Berlin, Germany
- Worked for ~sedna GmbH during the course of 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, marketing, product, sales, operations and HR

## TECHNICAL SKILLS

### Languages



Java



JavaScript



Python



HTML  
+ CSS



SQL



PHP



Haskell



Ruby

### Technologies



Docker



nodeJS



git



mongoDB



Hyperledger  
Fabric



SASS



JavaFX

## PROJECTS

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2018	<b>~SEDNA FLOW SERVICE</b> Created and tested a framework for multi-organisational project management based on the <b>Hyperledger Fabric blockchain</b> platform. The system utilises <b>MongoDB</b> databases and <b>LDAP</b> as well as a <b>RESTful HTTP server</b> and was written in <b>JavaScript</b> using <b>NodeJS</b> . The entire system is distributed and operated through <b>Docker containers</b> .
2018	<b>NOBAES</b> Co-created a fictional online auctioning service. The front-end was created using <b>SASS</b> , <b>bootstrap</b> and <b>JavaScript</b> . I wrote the back-end in <b>php</b> in the <b>MVC</b> style using a <b>mySQL</b> database. Everything was hosted on <b>Microsoft Azure</b> .
2017	<b>UCL TV KIOSK</b> Co-created a single-page TV Kiosk website for UCL using <b>Ruby on Rails</b> , <b>NodeJS</b> , and a <b>PostgreSQL</b> database. It contains several custom widgets that interact with external APIs as well as a powerful CMS for content management.
2017	<b>JAVA CINEMA</b> Wrote a desktop application in <b>Java</b> for the business and customer side of respectively managing and visiting a cinema using a <b>mySQL</b> database. The GUI was created using <b>JavaFX</b> .

## VOLUNTEERING

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09.13 – 08.16	<b>GLOBAL AMBASSADOR</b> <b>Love Foundation Global</b>   Maastricht, The Netherlands <ul style="list-style-type: none"><li>Assisted in the establishment and promotion of a student-led charity for poverty alleviation with over 100 active members in 7 cities to date</li><li>Planned, promoted and executed activities ranging from social networking events to a charitable football tournament for the general student body</li></ul>
09.13 – 06.14	<b>CHAIR OF THE SOCIAL ACTIVITIES COMMITTEE</b> <b>SCOPE Maastricht</b>   Maastricht, The Netherlands <ul style="list-style-type: none"><li>Oversaw the preparation and execution of student events with up to 1,400 participants</li><li>Coordinated and facilitated regular meetings for the committee</li></ul>
10.11 – 02.12	<b>ENGLISH TEACHER</b> <b>Colegio del Espíritu Santo</b>   Rio Ceballos, Argentina <ul style="list-style-type: none"><li>Taught English as a second language to 2 classes of 25 students aged 14 to 18</li><li>Participated in local social projects</li></ul>

## AWARDS & CERTIFICATES

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

## SPOKEN LANGUAGES

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**German**  
Mothertongue

**English**  
Bilingual Proficiency

**Spanish**  
Limited Working Proficiency