

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%

PROJECTS

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

TECHNICAL SKILLS

Languages



Java



JavaScript



Python



Ruby



Haskell



PHP



SQL



HTML
+ CSS

Technologies



Docker



nodeJS



JavaFX



mongoDB



git



SASS



Hyperledger
Fabric

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, 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

AWARDS & CERTIFICATES

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|------|------------------------------------------------------|
| 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 |

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 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