

# PAUL VENHAUS

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Fast-learning problem solver with proven analytical skills and a passion for cutting through complexity. Excited to expand my technical knowledge and make an impact at the intersection of business and IT.

## 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)

## WORK EXPERIENCE

- 06.18 – 09.18** ● **SOFTWARE ENGINEER & RESEARCHER**  
*~sedna GmbH* | Berlin, Germany
  - Created an innovative blockchain-based solution for ~sedna GmbH during my master thesis
  - Provided a detailed market overview of available permissioned blockchain solutions
  - Gathered and defined functional and non-functional project requirements
  - Designed the product architecture, built a working prototype and thoroughly tested the solution with 94% code coverage
  - Provided engineering team with extensive code documentation and user guide to facilitate project continuation**Technologies Used:** JavaScript, NodeJS, Docker, Hyperledger Fabric, git, LDAP
- 01.16 – 03.16** ● **TECHNOLOGY STRATEGY CONSULTING INTERNSHIP**  
*Accenture* | Berlin, Germany
  - Worked on-site alongside the client
  - Created and presented detailed project plans and presentation slides
  - Provided research reports on project material and innovative topics surrounding automation
  - Conducted face-to-face client interviews
  - Prepared and participated in internal workshops
- 10.15 – 12.15** ● **ENTREPRENEURIAL INTERNSHIP**  
*99chairs* | Berlin, Germany
  - Tested the product and produced detailed bug reports
  - Designed and implemented company-internal dashboards and workflow automations
  - Prepared financial statements and projections in the areas of marketing and operations
  - Developed, supervised and optimised online marketing strategy, nearly quadrupling Facebook followers from 16.000 to 60.000 in under 3 months
  - Independently planned and conducted qualitative and quantitative job interviews with applicants

## 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><br>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><br>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><br>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><br>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><br><b>Love Foundation Global</b>   Maastricht, The Netherlands <ul style="list-style-type: none"><li>Helped a student-led charity for poverty alleviation grow from ~15 to 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><br><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><br><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**  
Native Speaker

**English**  
Bilingual Proficiency

**Spanish**  
Full Working Proficiency