

# PAUL MARTIN

3rd year Computer Science UG • University of Edinburgh • University of Hong Kong

## CONTACT

+44 (0) 7785 296197  
[paul.martin.ger@gmail.com](mailto:paul.martin.ger@gmail.com)

## INTERESTS IN INFORMATICS

Data Science / Big Data  
Computational Finance  
Computer Architecture

## PROGRAMMING LANGUAGES

Go  
JavaScript  
Python  
Java  
Haskell  
C / C++  
MIPS Assembly

## OTHER INTERESTS

Photography  
Reading classics  
Economics and Finance  
Long-distance running  
Snowboarding

## LANGUAGES

English (native)  
German (native)  
Spanish (learning)

## LINKS

[Personal website](#)  
[GitHub](#)  
[LinkedIn](#)

## PROFILE

Highly motivated Computer Science student studying at the world's leading Universities with a passion for taking on new challenges. Results oriented with a solid track-record of working collaboratively with team members to achieve goals. Experienced in Software Engineering with an eye for the broader picture.

## EDUCATION

### The University of Edinburgh & The University of Hong Kong

BEng Computer Science (2019-23)

- On track for a 1st class Honours
- Courses in AI, DataScience, Algorithms, amongst others
- Study on Scottish Mountaineering using Machine Learning techniques

### International School of Bremen

International Baccalaureate (grad. 2019)

## EXPERIENCE AND EXTRA-CURRICULARS

### Operations Specialist for Radio-frequency licensing

Asteria: Space and Satellites (2020-21)

- Responsible for frequency licensing process of our satellite
- Attend workshops on organising a satellite launch by the UK Satellite Finance Network
- Helped as a Software Engineer for radio communications

### Software Project Manager

HYPED: Uni of Edinburgh Hyperloop team (2019-20)

- Successfully lead the telemetry team to re-engineer the wireless communication
- Implement a new Over-The-Air system for easier visual analysis and debugging of system metrics

### Founder and CEO

build-yours.de (2017-19)

- **Co-found tech company** developing DIY kits for innovative home accessories, especially designer-clocks
- Engineer the software of our products and online-shop to allow for our unique requirements
- Build and coordinate part of our supply chain, including travel to Africa for this purpose
- **Orchestrate business transition** away from DIY kits, leading to the current success of the company
- Left the company in December 2019 to focus on my studies and engage in other activities

## PERSONAL PROJECTS

### Investigation into the Machine Learning technique of PCA

Developed a more intuitive algorithm for Principal Component Analysis as I got interested in it as part of my Data Science course

### Markdown-parser written from scratch

Converted this CV from Markdown to PDF

### Investigation into Bayesian Networks with Haskell

Developed software to efficiently represent and calculate with interdependent Probabilistic Random Variables

[Many more to be found on my GitHub](#)