PAUL MARTIN

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

CONTACT

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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 accessoirs, 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