

# PAUL MARTIN

3rd year Computer Science UG • University of Edinburgh

## DETAILS

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## LINKS

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

## LANGUAGES

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

## OTHER INTERESTS

Reading classics  
Running  
Snowboarding  
Amateur photography  
Economics and Finance

## PROFILE

Highly motivated Computer Science student at one of the UK'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

BEng Computer Science (2019-23)

- Averages in years 1 and 2: A3, A2
- Courses in Programming, Logic, AI, DataScience, Algorithms, Computer Architecture
- Exchange year at *The University of Hong Kong* (2021-22)

### International School of Bremen

International Baccalaureate (grad. 2019)

## EXPERIENCE AND EXTRA-CURRICULARS

### Radio-frequency licensing specialist

Asteria: Space and Satellites (2020-21)

- Investigate and coordinate frequency licensing process for our satellite
- Attend workshops on organising a satellite launch by the UK Satellite Finance Network
- Configure radio communication between a High-Altitude-Balloon and the chase vehicle, as a Software Engineer

### Software Project Manager

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

- Successfully lead the telemetry team to re-engineer our 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 a tech company that develops and sells DIY kits for innovative home accessories, especially designer-clocks
- Completely develop software of our products and online-shop from scratch to allow for our special needs
- Collaborate on creating the supply chain, including travel to Africa for this purpose
- Orchestrate transition from selling DIY kits to fully functional, pre-built products, 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

### Markdown parser written in Go from scratch

Used to create this CV

### Investigation into Principal Components Analysis

Developed a more intuitive PCA algorithm as I got interested in it as part of my Data Science course

### 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](#)