Dyllan Cartwright

Email: dyllancartwright@gmail.com
Number: +44 7428 922494
Site: proflocrian.github.io/dyllan

Profile

I'm a quick learner and will be able to adapt and solve most tasks you ask of me. Personally, what's most important to me is; I'm looking for something that's fun, challenging, and will further my Computer Science knowledge (I'm particularly interested in CS within the medical field). Hence, I'll be committed to utilising / improving my CS skills to help achieve your goals.

Experience / Jobs

ParaMedir   Groningen, Netherlands
Lead (Embedded) Software Engineer   Feb 2021–Current

- Helping to create a medical device (the UriMoni).
- Built the (extremely bespoke) codebase from the ground up, as well as design / assemble the prototype.
- Hence, I have learnt a lot about (Embedded) Software Development and Design Engineering.
- *Note: I work ~14 hrs/week for ParaMedir, and it's important to me that I continue to do so (please bear this in mind when considering me for your position).*

GitGud Software Development   Groningen, Netherlands
Created A (Small) Software Company   Jan 2022–Current

- Created a one-person company to take on quick software / web development projects.
- Mostly do websites, but have also done some other small projects.
- KVK: 84794763.

Go-Nuggit   (Remote) London, UK
Data Analyst / Web Developer   Jan 2023–Current

- Automatising financial analysis on large amounts of data.
- Helping setup database architecture.
- Creating (live) dashboards.

Informa Tech   (Remote) London, UK
Software Engineer (for Sales)   Sep 2021–Jan 2022

- Six-month project.
- Helped implement a software that automated a data-input pipeline for sales team.
- Saved each sales person an estimated four hours each week.

Teaching at Rijksuniversiteit Groningen   Groningen, Netherlands
Taught Computing Science courses and Biomedical Engineering courses. Main ones listed below;   2020–Current

- Web Engineering, Big Data in Biomedical Engineering, Applied Medical Visualisation (masters).

Education

Rijksuniversiteit Groningen   Groningen, Netherlands
B.S. in Computing Science.   2019–Current

- *Thesis:* ">_next(log): A Tool for Log Generation of Adaptive Business Processes": Link.
  Was published, and was submitted to the EDOC 2023.
- *Key Courses:* Algorithms & Data Structures, Machine Learning, Artificial Intelligence, Advanced OOP, Parallel Computing, Web Engineering.

iGEM   Groningen, Netherlands
Participated in the RuG 2023 iGEM team.   Feb 2023 - Current

- Worldwide competition for universities (400+) across the globe, with the goal to advance synthetic biology.
- Designed / programmed modular bacterial biosensor that utilises bacteriophages to detect and tackle biofilms formed on implants.

British International College   Johannesburg, South Africa
Cambridge (CIE) A-Levels.   2015

- Maths - 95% (A*) - This was joint highest in the country.
- Physics - 85% (A).
- Further Maths - 82% (A).
- Chemistry - 76% (B).

CS Skills

- **Languages:** Python, C/C++, Java, MATLAB, SQL, R, etc.
- **Tools & OS:** Git, LaTeX, Jupyter, Google Collab, Windows, Linux.
- **Web Skills:** HTML/CSS/JS, React(JS), Wordpress.

Non-CS Skills

- **Languages (Spoken):** English (Native), Dutch (A2).
- **MS Office:** Word, Excel, PowerPoint etc.
- **Editing Skills:** Adobe Photoshop / Illustrator.