
Olivia Hartley Weston

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Skills

I'm a computer scientist, academic and software developer. I started off using C++ and Python, my current focus is on Haskell. I have experience with full-stack web development (last tech stack was Laravel/Twilio/Zapier/Megadialer with MS Teams integrations). I'm a quick learner and my strongest suit is application design and providing an innovative initiative.

Experience

Swansea University, Swansea — Research Intern

JULY 2022 - AUGUST 2022

I signed up for a summer research project with Dr. Arno Pauly to develop additional educational materials for students learning theoretical computer science. This was in the form of a Haskell-based proof verifier.

Swansea University, Swansea — Teaching Assistant

JANUARY 2022 - JULY 2022

Hosted help sessions for students. Created extra pedagogic material such as exercises, examples and explanations, [available on my personal website](#). Acted as a point of contact for students studying formal language theory and finite automata.

Legal Support Solutions Ltd, Swansea — Software

Developer

JUNE 2020 - MARCH 2021

Helped manage a small team of remote software developers for a Laravel CRM. Created supporting backend software for call centre software in JavaScript.

Education

Swansea University – Computer Science (BSc)

SEPTEMBER 2019 – JULY 2022

Finished education with a 2:1 BSc (Hons), having taken courses on model verification, logic, artificial intelligence, advanced object-oriented programming and machine learning.

Events

Computability in Europe 2022 (Swansea University)

JULY 2022

Helped organise Europe's recurring conference for computability theory and general theoretical computer science. [Available on my personal website.](#)

Personal projects

Academic Soup

Academic Soup is the codename for my personal website. It's built in [Slick](#), a Haskell static site generator.

grofi

I am currently working on a simple accounting solution intended for students living in shared housing to split bills and other household purchases. It is currently written in Haskell, using [IHP](#). Stay up to date on my personal website to find out more.

References

Dr. Arno Pauly (supervisor)

a.m.pauly@swansea.ac.uk
