

Angus Findlay

Electronics & Computer Engineering MEng (Hons) International - 1st Class
The University of Leeds & KU Leuven, Belgium
UKESF Scholar & IET Prize Winner

Email: angus.findlay@icloud.com
LinkedIn: linkedin.com/in/angus-findlay
Mobile: +447864 256040
Address: 124 Grafton Rd, London, NW5 4BA
GitHub: github.com/angusjf

Technical Skills & Interests

I am a creative programmer, familiar with a wide range of languages and paradigms, interested in building useful, high quality tools. While I have spent most of my career working in Web Development, I also have experience in UI Design, Embedded Software and Machine Learning.

As a passionate advocate for **Functional Programming** in **Elm**, **Haskell** and **Elixir**, I have run staff training sessions at work and have made minor contributions to open source projects in the field. I also have experience writing Go, Rust, Clojure, Java, C and Python.

I am a people-person who loves to teach and learn, and co-organiser for the *React Native London* meet-up, managing our community, sourcing speakers and talking at events myself. In my spare time, I am an active volunteer for community gardening and conservation projects in my local area.

Employment History

Theodo UK - Central London - June 2021 to Present

After graduating from University, I started working at Theodo UK as a **Fullstack Web Developer**, working with **TypeScript**, **React**, **AWS**, Hasura, Django and more to build apps and websites for various world class clients.

I have learned a lot during my time at Theodo, including the importance of Agile, delivery-focused methodology and high tech quality, and have developed my leadership and project management skills greatly.

An article I wrote for the Theodo blog, titled 'A Quick Intro to Elm for React Developers', was **published in the React Newsletter** (reactnewsletter.com/issues/289). I also represented Theodo as a sponsor and judge at the 2022 **Hack Cambridge Hackathon**.

Sky Labs - Brentwood, Essex - Summer 2019 & Summer 2020

For the final two summers of my degree I worked at Sky Labs in Brentwood, where the hardware and software for Sky's consumer electronics such as routers and set-top boxes is designed. This paid internship was part of my UKESF scholarship.

I worked on a variety of projects, from R&D for smart home devices, to DevOps work for the software engineering team.

MortgageGym - Camberley, Surrey - Summer 2018

Paid Software Intern for 10 weeks over the summer break at MortgageGym, a startup price comparison website for mortgages, now majority owned by GoCompare. I directed the 'broker onboarding' project, building it from scratch to finish, and working on the full stack (Java, Angular).

Education

KU Leuven, Belgium (Study Abroad Year), 2019 - 2020

For the 3rd year of my degree, I studied abroad at KU Leuven in Belgium, a University consistently ranked in the top 50 worldwide, following the Master of Artificial Intelligence course. This was very academically rewarding - I am very interested in programming languages and their design, which I learned about in depth during my studies there. A selection of module grades is shown below:

<i>Computer Vision (90%)</i>	<i>Fundamentals for Computer Science (80%)</i>
<i>Formal Systems & their Applications (75%)</i>	<i>Data Mining (75%)</i>

The University of Leeds, 2017 - 2021

Electronics and Computer Engineering MEng (International).

Whilst at University I was awarded a scholarship with the UKESF (UK Electronics Skills Foundation), sponsored by Sky UK, where I interned for two summers.

During my final year, I completed a masters project in static code analysis & visualisation of object orientated codebases. This is a topic that I loved as it combines my interest in programming language education, graphics and software architecture.

On graduation I was awarded the IET (Institution of Engineering and Technology) prize for outstanding work during my course (eps.leeds.ac.uk/electronic-engineering-undergraduate/news/article/5740/undergraduate-student-angus-findlay-recognised-for-outstanding-engineering-talent). In my first year, I was awarded a place on the Faculty of Engineering's Dean's List, given to the top 5% of students. A selection of module grades is shown below:

<i>Digital Electronics & Microcontrollers (94%)</i>	<i>Compiler Design and Construction (93%)</i>
<i>Programmable Logic (94%)</i>	<i>Procedural Programming (96%)</i>
<i>MEng Individual Project (83%)</i>	<i>Embedded Systems Project (84%)</i>
<i>Formal Languages & Finite Automata (89%)</i>	<i>Advanced Software Engineering (84%)</i>

References

Mansur Pasha

Coach, Theodo UK
mansurp@theodo.co.uk

Jamie Sayers

Manager, Sky Labs UK
jamie.sayers@sky.uk