David Beechey
(he/him)

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EDUCATION

The University of Edinburgh
School of Informatics
BSc in Artificial Intelligence and
Computer Science
Expected Grad. June 2025

Stirling High School
AAAA at Advanced Higher (2021)
AAAAAA at Higher (2020)

SKILLS

Languages:
JavaScript/TypeScript, Python, Haskell,
Java

Technologies:
ReactJS, Next.js, Tailwind CSS, MySQL,
Prisma, Drizzle ORM, Stripe

Tools:
Git, LaTeX

AWARDS

DofE Bronze (2018)

Chief Scout Gold Award (2017)

Saltire Awards "The Ascent" for 200 hours
volunteering (2019)

CyberStart Essentials (2020)

SANS Foundations Award (2021)

INTERESTS

ABRSM Grade 8 Piano Performance
(2020) (Distinction)

ABRSM Grade 5 Flute (2019) (Distinction)

ABRSM Grade 5 Music Theory
(Distinction)

Member of EUWB (Edinburgh University
Wind Band) (Flute)

Plants

Climbing

Updated: 05/10/2023

EXPERIENCE

Database Design and Development　　Nov 2021 - present
Part-Time Web Developer　　Stirling, Scotland
- Developing a customisable online shopping website that will integrate with existing EPOS systems.
- Developing a web front-end for financial advisors to view and manage their clients and calls remotely.

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Next.js, TypeScript, Prisma, MySQL, Drizzle ORM, Stripe
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HYPED - Software Team　　Jan 2023 - present
Telemetry Project Manager　　Edinburgh, Scotland
- Project manager on the HYPED (Edinburgh University's Hyperloop Society) Software Team, leading a group in the development of the telemetry system and GUI for the HYPED pod.
- Formerly Telemetry Team Member from Jan-July 2023.

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React, Vite, Nest JS, OpenMCT
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The University of Edinburgh　　Sep 2022 - present
INF1A Tutor and Marker, Demonstrator　　Edinburgh, Scotland
- Tutor and Marker for the 1st year course "Introduction to Computation", covering functional programming in Haskell and computational logic from Sep-Dec 2022. Lab Demonstrator for this course from Sep 2023.

PROJECTS

Hack the Burgh IX: "Bearly Sustainable"　　2023 (Winning Team)
- Worked with a team of 5 to create an IOT data aggregation platform for environmental monitoring systems, using a serverless REST API written in JavaScript using AWS Lambda and DynamoDB. Frontend written with Next.js.

VOLUNTEERING

7th Stirling (Beechwood) Scouts　　Jul 2018 – Jul 2020
Young Leader　　Stirling, Scotland
- Regularly supporting a Scout group of around 30 10–14-year-olds.
- Coordinating weekly activities and supporting weekend camps and a Jamboree.

REFERENCES

Paul Amery
Database Design and Development

Unit 92, John Player Building,
Stirling Enterprise Park,
Stirling FK7 7RP

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Kshitij Sharma
Ex. Head of Software at HYPED (2022/23)

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