

# JAMES BAW

## CURRICULUM VITAE

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## EXPERIENCE

HASKELL RUST ZIG PYTHON BASH

JAVASCRIPT HTML CSS C#

### JOLLY SAILOR BREWERY

PERIOD Jan 2023 - Jan 2023

TITLE Chef / Waiter

### SHEFFIELD HALLAM UNIVERSITY

PERIOD Oct 2025 - Present

QUALIFICATION BSc (Honours)

Computer Science

## PROJECTS

### TYPE INFERENCE

An attempt at true ad-hoc polymorphism in functional programming languages, with efficient type inference and possibly entirely static dispatch.

[See more](#)

### GIT EHR

An open-source electronic health record specification and reference implementation, written in rust.

[See more](#)

## INTERESTS

### LINUX

My personal machine runs Arch Linux, and I previously have used Ubuntu, Debian and NixOS. I am familiar with Unix commands, Bash, and the general workings of a Linux-based operating system.

### FUNCTIONAL PROGRAMMING

I enjoy the mathematical elegance of FP languages, and informally study FP and related fields including the lambda calculus, type theory and a bit of category theory.

### BOULDERING

Sheffield is a hotspot for bouldering in the UK, which is one of the reasons I chose to study here. I currently climb around v7.

### COOKING

Predominantly in the styles of Spanish, Maghrebi, Turkish/Greek Levantine, and Southeast Asian cuisine. Among my favourite dishes are Paella, Spanish Omelette and Shakshuka.