

CHRISTOPHER GROUNDS

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Github: <https://github.com/chrisgrounds>

<http://chris-bacon.co.uk>

1 EXPERIENCE

11/2018 - present Software Engineer, Tracsis

Software Engineer at Tracsis working on the resource management system of TRACS Enterprise, a high-availability suite of software, responsible for building high-quality and thoroughly-tested software to help train operating companies' processes become more efficient and streamlined.

Throughout my time here I have continuously encouraged and promoted agile best practices such as TDD, pair-programming, kanban-practices, CD, and feature-toggled based development.

Tools & Techs: Haskell, TDD, AWS, CI/CD, Jenkins, JavaScript, E2E Testing

12/2017 - 11/2018 Junior Software Engineer, BBC

A member of the Newsround team, working with React and the BBC's proprietary serverless platform to build a high-performing new website for Newsround, transitioning it to a digital future.

Further to the Newsround website, I have built internal tooling to facilitate continuous deployment, championed functional programming and safe code, given talks on Haskell, lead and organised a Haskell study group, and been involved with assessment centres, bringing talent into the BBC.

Tools & Techs: Node.js/React, Elm, TypeScript, TDD, Pair Programming, CI/CD, Serverless

06/2016 - 12/2017 Web Software Developer, Age Partnership

A member of the web team, responsible for writing greenfield software and web applications, maintaining legacy code, and responding to operational problems. Also the unit testing project lead responsible for unit testing the codebase.

2 EDUCATION

09/2015 - 09/2016 MA. (Postgraduate) Linguistics with a Specialisation in Syntax
University College London (UCL)
Degree Classification: *Distinction*

09/2012 - 06/2015 MA. (Undergraduate) (Hons) Language & Linguistics and Philosophy
University of Aberdeen
Degree Classification: *First Class, with Honours*

3 OPEN SOURCE

- [GHC: Fixed GHC.Natural documentation typo](#)
- [Learn You a Haskell companion exercises](#)
- [Vim-one: added Haskell support](#)
- [Intero-neovim: Added functionality to customize Intero window size and position](#)

4 PERSONAL PROJECTS (SELECTION; ALL AVAILABLE ON GITHUB)

- [Haskell random name generator, deployed on Heroku and AWS Lambda](#)
- [Halendar: terminal based calendar \(Haskell\)](#)
- [Htex: HTML-LaTeX compiler \(Haskell\)](#)
- [Multiprocessing TCP portscanner \(Python\)](#)
- [Interactive calculator REPL \(Haskell\)](#)

5 PRESENTATIONS & TALKS

- 18/02/2019, ‘Haskell at Tracsis: some lessons’, *Manchester Lambda Lounge*: Manchester
- 22/11/2018, ‘Pair programming’, *Tracsis*: Leeds
- 16/08/2018, ‘Using Monoids to build UI’, *Manchester Lambda Lounge*: Manchester
- 23/03/2018, ‘Haskell: programming purity’, *BBC*: MediaCity
- 19/04/2015, ‘Is Peter Svenonius’ syntactic account of adjective order satisfactory?’, *Undergraduate Linguistics Association of Britain* (ULAB): York St. John University, York