Niall J. Paterson

SOFTWARE DEVELOPER

Details

Bristol
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niall.paterson@pm.me

NATIONALITY
British

DATE / PLACE OF BIRTH
04 09 1990
Auckland, New Zealand

Links

Development Portfolio

Github

LinkedIn

Skills

Node.js

React

JavaScript

TypeScript

Jest

Enzyme

Git

HTML5

CSS3

SCSS

CICD Pipelines

CLI

HTTPS APIs

Zsh

Technical Writing

Teaching

Hobbies

Analytic Philosophy
Modal logic
Weight training
Folk Music
Short fiction

Profile

Junior full stack developer with a passion for well tested development, agile management practices, and writing clean, functional code. Creative, inquisitive, personable individual with strong problem solving skills.

Key Achievements:

- Built fully functional, unit tested ticketing MVP for HR startup in classical React and SCSS using Firebase (see _nology section in 'Education' below).
- Published philosopher with experience using formal logic to solve complex problems, both individually and collaboratively.
- Demonstrated passion and ability to rapidly learn and apply new technologies.

Employment History

Software Developer, Nook

SEPTEMBER 2020 — PRESENT

Fully remote freelance software developer. Enlisted to build e-commerce site for gallery focused on promoting art by local artists in Raglan, New Zealand.

Postdoctoral Researcher, University of Helsinki

2019 — 2020

Conducted independent and collaborate research, published papers in internationally ranked academic journals, refereed manuscripts, organised conferences, contributed written and verbal feedback to weekly project meetings, gave 7 talks at conferences held in Seville, Durham, Glasgow, Helsinki, the Basque County and Umea.

Course Director, Royal Institute of Philosophy

2018 — 2019

Designed and delivered 12 week course on formal reasoning and contemporary themes in analytic philosophy to 20+ sixth form students at Wells Way School, Bristol.

Education

Trainee Software Developer, _nology, Bristol

MAY 2020 — AUGUST 2020

12 week intensive software development course taught by _nology. Gained competence in clean coding principles, agile management practices, and well-structured use of source control. Taught session on conflict management in Git. Worked alongside team of ten to build MVP for HR ticketing dashboard system. Achievements:

- For one sprint ran daily scrum and communicated with product owner.
- Gained experience in effective pair programming.
- Defined data structure.
- Set up CICD pipeline.
- Implemented ticketing dashboard functionality.
- Unit tested components with Enzyme and Jest.

Alongside course self-taught CLI and scripting in zsh and node.js, contributed to open source javascript library 'svg.js' by proofreading documentation and correcting errors.

PhD, Philosophy, University of Bristol

2014 — 2019

Supervisors: Prof. Alexander Bird (Cambridge), Dr. Jason Konek (Bristol).

- Chaired and coordinated work in progress graduate seminar; increased participation by 300%.
- Representative for postgraduate students and teaching assistants.
- Gave 16 talks including research presentations in Berkeley California, Lisbon, Amsterdam, Novara, Gothenberg, and Helsinki.

BA Hons, Philosophy, University College London

2010 — 2013