Ryan Watkins

CONTACT INFORMATION	http://ryanwatkins.me	ryanwatkins54@gmail.com

LOCATION London, UK or Remote

PORTFOLIOS
https://github.com/watkinsr
https://gitlab.com/watkinsr

EDUCATION

First Class Hons. BSc. Computer Science September 2013 - July 2016
University of Reading

EXPERIENCE

Full Stack Developer 09/17 - 12/18
Red Ant, London, United Kingdom
Migrated data from SQL to MongoDB for a government based client. Working on various mobile apps (React-Native) for clients such as Mastercard / HMRA that are in the app store(s) today. Built backend for these apps respectively using NodeJS. Working on an in-house retail app that was designed flexibly to scale to multiple clients.
Stack: NodeJS, React/Redux, React-Native, Meteor, MongoDB

Junior Software Development Manager 08/16 - 01/17
Sixt, Munich, Germany
Worked on the sixt.com frontend and backend.
Stack: Golang, ReactJS/Redux

Frontend Internship 07/15 - 09/15
Risklab, Munich, Germany
Designing a UI for financial clients to see futures and various financial instruments more effectively.
Stack: Javascript

PROJECTS

Herrostats 2020
An app to display Tyler Herro's latest stats from the NBA stats API. (Clojure / Ring)
Source (Frontend): http://gitlab.com/watkinsr/herrostats
Source (Backend): http://gitlab.com/watkinsr/herrostats-backend-sync
Production: http://herrostats.herokuapp.com

Functional Programming in Scala 2020
Following through exercises in Functional Programming in Scala, with unit-testing suite.
Source: https://gitlab.com/watkinsr/functional-prog-scala

SQASM 2016
A quantum programming language interpreter
Source: http://github.com/watkinsr/SQASM
Thesis: http://github.com/watkinsr/sqasm-thesis

CERTIFICATIONS	**Functional Program Design in Scala**	October 2018
	Functional Programming Principles in Scala	October 2018
	Parallel Programming	March 2019
	Big Data Analysis with Scala and Spark	March 2019

COMMUNITY INVOLVEMENT	**Mentor**	2014-2016
	FutureLearn Ltd	
	Answering various Java and Android related questions from participants	

LANGUAGES Clojure, Scala, Javascript, Scheme, Bash, C, Python, Elisp, Java

LIBRARIES
Javascript: React, Redux, React Native, Meteor
Scala: Play
Clojure: Ring, Compojure

DISTRO Gentoo, VoidLinux

DEVOPS Jenkins, GitLab Pipelines, Bitbucket Pipelines, Docker, Bitrise

HONORS	**Software Engineering Winner**, University of Reading	2014

HUMAN LANGUAGES	**English**	Native
	German	A1
	Chinese	Basic