Ryan Watkins

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

LOCATION   London, UK or Remote Working

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

EXPERIENCE

Red Ant, London, United Kingdom   September 2017 - December 2018
Full Stack Developer
NodeJS, React/Redux, React-Native, Meteor, MongoDB, Unit Testing

Sixt, Munich, Germany   August 2016 - January 2017
Junior Software Development Manager
Golang middleware, ReactJS/Redux

Allianz Global Investors GmbH, Munich, Germany
Frontend Developer (Internship)   July 2015 - September 2015

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

RESEARCH INTERESTS   PL Theory

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

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

SYSTEMS   Linux(Gentoo, Void, Arch), MacOS

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**

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
Project: `http://github.com/watkinsr/SQASM`
Thesis (PDF): `http://github.com/watkinsr/sqasm-thesis`

COMMUNITY INVOLVEMENT	**Mentor**, FutureLearn Ltd	**2014-2016**

Answering various Java and Android related questions from participants

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

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