

# Ryan Watkins

---

<b>CONTACT INFORMATION</b>	<a href="http://ryanwatkins.me">http://ryanwatkins.me</a>	<a href="mailto:ryanwatkins54@gmail.com">ryanwatkins54@gmail.com</a>
<b>LOCATION</b>	London, UK or Remote	
<b>PORTFOLIOS</b>	<a href="https://github.com/watkinsr">https://github.com/watkinsr</a> <a href="https://gitlab.com/watkinsr">https://gitlab.com/watkinsr</a>	
<b>EDUCATION</b>	<b>First Class Hons. BSc. Computer Science</b> University of Reading	September 2013 - July 2016
<b>EXPERIENCE</b>	<b>Full Stack Developer</b> <i>Red Ant</i> , London, United Kingdom Migrated data from SQL to MongoDB for a government based client. Working on various mobile apps for clients such as Mastercard / HMRA that are in the app store(s) today. Working on an in-house retail app that was designed flexibly to scale to multiple clients. <b>Stack:</b> NodeJS, React/Redux, React-Native, Meteor, MongoDB	09/17 - 12/18
	<b>Junior Software Development Manager</b> <i>Sixt</i> , Munich, Germany Worked on the sixt.com frontend and backend. <b>Stack:</b> Golang, ReactJS/Redux	08/16 - 01/17
	<b>Frontend Internship</b> <i>Risklab</i> , Munich, Germany Designing a UI for financial clients to see futures and various financial instruments more effectively. <b>Stack:</b> Javascript	07/15 - 09/15
	<b>Herrostats</b> An app to display Tyler Herro's latest stats from the NBA stats API. (Clojure / Ring) Source (Frontend): <a href="http://gitlab.com/watkinsr/herrostats">http://gitlab.com/watkinsr/herrostats</a> Source (Backend): <a href="http://gitlab.com/watkinsr/herrostats-backend-sync">http://gitlab.com/watkinsr/herrostats-backend-sync</a> Production: <a href="http://herrostats.herokuapp.com">http://herrostats.herokuapp.com</a>	2020
	<b>Functional Programming in Scala</b> Following through exercises in Functional Programming in Scala, with unit-testing suite. Source: <a href="https://gitlab.com/watkinsr/functional-prog-scala">https://gitlab.com/watkinsr/functional-prog-scala</a>	2020
<b>PROJECTS</b>	<b>SQASM</b> A quantum programming language interpreter Source: <a href="http://github.com/watkinsr/SQASM">http://github.com/watkinsr/SQASM</a> Thesis: <a href="http://github.com/watkinsr/sqasm-thesis">http://github.com/watkinsr/sqasm-thesis</a>	2016

<b>CERTIFICATIONS</b>	<b>Functional Program Design in Scala</b>	October 2018
	<b>Functional Programming Principles in Scala</b>	October 2018
	<b>Parallel Programming</b>	March 2019
	<b>Big Data Analysis with Scala and Spark</b>	March 2019
<b>COMMUNITY INVOLVEMENT</b>	<b>Mentor</b> <i>FutureLearn Ltd</i> Answering various Java and Android related questions from participants	2014-2016
<b>LANGUAGES</b>	Clojure, Scala, Javascript, Scheme, Bash, C, Python, Lisp, Java	
<b>LIBRARIES</b>	<b>Javascript:</b> React, Redux, React Native, Meteor <b>Scala:</b> Play <b>Clojure:</b> Ring, Compojure	
<b>DISTRO</b>	Gentoo, VoidLinux	
<b>DEVOPS</b>	Jenkins, GitLab Pipelines, Bitbucket Pipelines, Docker, Bitrise	
<b>HONORS</b>	<b>Software Engineering Winner</b> , University of Reading	2014
<b>HUMAN LANGUAGES</b>	<b>English</b>	Native
	<b>German</b>	A1
	<b>Chinese</b>	Basic