

Ryan Watkins

CONTACT INFORMATION	London, United Kingdom	ryanwatkins54@gmail.com (+44) 7565 646 983
EXPERIENCE	<p>Red Ant, London, United Kingdom <i>Full Stack Developer</i> Node.JS, React/Redux, React-Native, Meteor, TDD.</p> <p>Sixt GmbH & Co. Autovermietung KG, Munich, Germany <i>Full Stack / Scala Developer</i> Golang API/middleware, ReactJS/Redux. Scala.</p> <p>Feistybird, London, United Kingdom <i>Founding Engineer and CTO</i> Founded and developed 'Feistybird', a twitterwall as a service.</p> <p>Allianz Global Investors GmbH, Munich, Germany <i>Frontend Developer (Internship)</i> UX/UI for 'TimeScape Explorer' (Investing UI).</p>	<p>September 2017 - Now</p> <p>August 2016 - January 2017</p> <p>September 2014 - July 2015</p> <p>July 2015 - September 2015</p>
RESEARCH INTERESTS	Quantum Computing Distributed Systems PL Theory Operating Systems (Reproducible Builds) / DevOps Symbolic Computation	
EDUCATION	<p>First Class Hons. BSc. Computer Science University of Reading</p> <p>First Year Computer Architecture, Programming, Software Engineering, Maths for Computer Science, Fundamentals of Computing, Computer Applications,</p> <p>Second Year Compilers, Operating Systems, Neural Networks, Machine Intelligence, Java, Computer Architecture, Advanced Databases, Databases, Essential Algorithms, Systems Design and Project Management</p> <p>Third Year Social, Legal and Ethical Aspects of Science and Engineering, Individual Project, Data Mining, Concurrent Systems, Evolutionary Computation, Virtual Reality, Computer Networking</p>	<p>September 2013 - July 2016</p>
SKILLS	<p>In Production: JS, React, Node.js, PostgreSQL, Bash, Linux, AWS, Golang</p> <p>In General: Node.js, Bash, Lisp</p> <p>Preferred Stack: Clojure/Haskell, Common Lisp, Bash, Scala, Ocaml</p>	
GITHUB	https://github.com/watkinsr	

PROJECTS	Next-Browser		2018
	Open source involvement in Next Browser, a web browser for professional productive individuals. Source: https://github.com/next-browser/next		
	Simple Quantum Assembly (Thesis)		2016
	A full PL that simulates quantum computation. Project: http://github.com/watkinsr/SQASM Thesis (PDF): http://github.com/watkinsr/sqasm-thesis		
	2D SDL RPG Engine (C++)		2013
	Framework to make 2D RPG's. Over 3000 lines of code in C++. Source: http://github.com/watkinsr/SDL-RPG		
COMMUNITY INVOLVEMENT	Mentor for Android Game Development MOOC , FutureLearn Ltd Answering various Java and Android related questions from participants		2014-2016
HONORS	Software Engineering Winner , University of Reading		2014
	Best Team Participation (The EDGE Project) , Carshalton College		2013
LANGUAGES	English	Native	
	German	Professional	
	Chinese	Basic	