# Richard Bates

[![Twitter](data:image/svg+xml;charset=utf-8;base64,)](https://twitter.com/Meister_Bates) [![Twitter](data:image/svg+xml;charset=utf-8;base64,)](https://github.com/richo225)

I'm a neuroscientist turned junior full stack developer. I have traded dissecting mice brains for designing web applications by jumping feet first into an intensive 12-week software development course at [Makers Academy](https://github.com/makersacademy).

## Skills

#### Fast learner

* I am confident in my ability to quickly learn any new technology following the intense nature of the Makers Academy course.
* For my final project, five weeks into learning Javascript and with no front end framework experience, my team and I completed a multi-platform mobile app built on top of NativeScript utilising TypeScript and Angular 2. None of these technologies were taught on the course, yet within two weeks [MakeItStop!](https://github.com/MakeItStop/task-based-alarm) was presented and now awaits the app store!

#### Systematic thinker

* My scientific training has helped immensely in my approach to coding, by following logical steps and breaking down a complex task into smaller, distinct components.
* Makers Academy have instilled in me a problem-solving mindset to successfully debug code whilst also reducing its need via clean, maintainable code written in a test-driven manner. The rare bugs that do get through are squashed immediately!

#### Team player

* Having pair programmed throughout the Makers Academy course, I have learned to be an effective partner in communicating ideas, technical terms and thought processes.
* My time as a junior research scientist in a Neurovascular laboratory involved the presenting and sharing of results on a weekly basis to peers and collaborators from other departments and laboratories across Germany.

#### Drive

* I completed the intense bootcamp as a remote student. This required a great amount of will and discipline - skills that have been central in making the exciting career switch.
* This drive and determination is reiterated by my final project team members:

## Reviews

*"Showed fantastic initiative when coding tasks for the app."* - [Luke Cartledge](https://github.com/lukecartledge)

*"Highly driven, focused and committed!"* - [Prashant Mathias](https://github.com/prashantmathias)

*"A self starter. Hardworking and determined to complete the project."* - [Sam Broughton](https://github.com/samjbro)

*"Some people have told me they don't think a fat penguin really embodies the grace of Linux, which just tells me they have never seen an angry penguin charging at them in excess of 100 mph. They'd be a lot more careful about what they say if they had."* - [Linus Torvalds](https://www.linkedin.com/in/linustorvalds)

## Projects

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Demo | GitHub Repo | Description | Technology Stack | Testing |
| [MakeItStop!](https://www.youtube.com/watch?v=WGuyOzGttv0) [Simulator](https://appetize.io/embed/9u8mc98n64duqbtp8puja2thhm?device=iphone6&scale=75&orientation=portrait&osVersion=9.3) | [MakeItStop! on GitHub](https://github.com/MakeItStop/task-based-alarm) | A cross-platform native mobile alarm app for those who find it difficult waking up in the morning | NativeScript, Angular 2, TypeScript, Javascript, CSS, Xcode | Jasmine, Karma |  |
| [Richagram](https://richagram.herokuapp.com/) | [Richagram on GitHub](https://github.com/richo225/richagram) | An instagram clone rebuilt with Ruby on Rails | Ruby, Rails, AWS, HAML, CSS, Bootstrap | Rspec, Capybara |
| [Stockr](https://github.com/SamedYalniz/stockr) | [Stockr on GitHub](https://github.com/SamedYalniz/stockr) | Hackathon group project built for wholesellers to easily update customers with their current stock | Ruby, Rails, HTML, CSS | Rspec, Capybara |
| [Jesus BnB](http://bnb-jesus.herokuapp.com/) | [Jesus BnB on GitHub](https://github.com/richo225/jesus_bnb) | An Air BnB clone for those needing a place to stay | Ruby, Sinatra, HAML, CSS, Bootstrap | Rspec, Capybara |  |

## Education

#### Makers Academy Remote | July 2016 - September 2016

* Highly selective 12 week full-time course.
* Passion for clean, maintainable code.
* Independent learning and problem-solving.
* Focus on Pair Programming, Test Driven Development and Agile methodologies.
* Extreme Programming (XP) values.
* OOP, SOLID design principles.

#### Universität Heidelberg | September 2013 - August 2014

* Junior research scientist.
* Achieved first class mark for lab report.
* Contributed to published research on the neurovascular link.

#### Imperial College London | September 2011 - August 2015

* BSc Biochemistry with Research Abroad (Upper 2nd Class).
* Rector's scholarship recipient.
* Specialized in Neuroscience, Cancer and Glycobiology.

#### Interests

* Boxing
* Computer games of all genres
* Mountain biking
* Surfing
* Playing classical guitar

## Experience

**Welding Services Ltd** | November 2015 - April 2016  
*Welder/pipe fitter*

**Imperial College Alumni Department** | April 2011 - March 2012  
*Alumni student caller*