

# Harry Turnbull

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I am a Full Stack developer, looking for new opportunities to learn, challenge myself and work with great people to build amazing things.

I am self-trained and have been working as a freelancer for the past three years. I'm passionate about the intersection of technology and creativity. This led me to train at [Makers Academy](#) (London's leading programming bootcamp), to learn best practices, tools and methodologies, and become a professional Full Stack Developer.

## Projects

**Mission-Ctrl** - Group project. An arcade style game to learn VSCode shortcuts.

- Developed in the MERN stack, using XP/Agile methodologies and test-drive development (TDD).
- Led a sprint with the aim to refactor the entire codebase, going from 31 tests with 66% code coverage to 57 tests with 97% coverage.
- As the most experienced React developer, I took it upon myself to help my team fill knowledge gaps by discussing examples I had created with them to test their knowledge of the technology.

**Bank Tech Test** - A CLI program emulating a bank account, showcasing TDD in Ruby, Javascript and Python.

- I had no previous knowledge of Python, and used this as an opportunity to apply concepts with unfamiliar technology.

**Neogram** - A social media photo sharing web-app, inspired by instagram. A Ruby on Rails full stack project, TDD'd, implementing a UI from scratch with an experimental design pattern, Neomorphism.

**Bowling Scorecard** - An immersive bowling scorecard using JavaScript, jQuery, HTML and CSS.

**News Summary** - A single page web app consuming the Guardian API, using vanilla HTML, CSS, and JS.

## Technical Knowledge (including but not limited to)

**Languages/Frameworks** - Ruby, JavaScript, HTML, CSS, Rails, Node.js, Express, jQuery, React, PostgreSQL, MongoDB

**Testing Frameworks** - RSpec, Capybara, Jasmine, Mocha, Chai, Sinon, Jest, Enzyme

**Concepts/Tools** - XP/Agile, TDD/BDD, Object-oriented design, Pair programming, Continuous Integration & Deployment, Git

## Experience/Education

**Makers Academy** (Feb 2020 to Jun 2020) - *A 16 week intensive programming bootcamp*

- Focused on object-oriented design, Agile/XP methodologies, test-driven development, and pair programming.
- Gained experience working on true to life projects with the technologies listed above.

**The Nursery Theatre Ltd** (Nov 2017 to Present) - *Digital Communication and Website Manager*

- Developed [thenurserytheatre.com](https://thenurserytheatre.com) in WordPress, using HTML/CSS/JS/PHP.
- Maintain technical documents to assist users in updating content.
- Renovated Google Ads campaigns, leading to an increase in click through rate.

**Graphic and Web Designer** (Aug 2017 to Present) - *Freelance*

- Implemented UIs in line with client's brand guidelines, while maintaining a good user experience.
- Used my knowledge of good UI/UX design to convince clients of the best ways to present information.

**Freedom Tech Ltd** (Nov 2015 to Jul 2017) - *Marketing and Project Manager*

- Wrote web scrapers to gather product data from suppliers online catalogues.
- Put together semi-automated systems to generate custom marketing for partners/clients.
- Assisted with development of proprietary internal portal systems, focusing on UI, UX and QA.

**University of Nottingham** (Sep 2011 to Jun 2015) - *MSci Life Sciences, 2:1*

- Specialised in human genetics, with my final year dissertation and project investigating the efficacy of Haplotype Fusion PCR as an assay to detect allele specific copy number variation in the human amylase gene cluster.

## Hobbies

**Improvised comedy** - I perform live on stage with no script, based on audience suggestion. Improv has great transferable skills, such as active listening, generating ideas, building trust within teams, and working out of joy instead of fear.