Graeme McCutcheon

Web: www.graememcc.co.uk

Email: graeme.mccutcheon@glasgowalumni.net

Github: graememcc

As a motivated, fast learner who is detail-oriented and passionate about technology, I am eager to earn my first position within the technology industry. My open-source experience demonstrates my engineering ability and dexterity, and shows I can deliver large, complex projects. Some of my code is executed daily by Firefox's 450 million users; a web application I authored helps teams at Mozilla build and ship future versions of their browser.

Technical Skills

- Javascript
- CSS
- HTML5
- Git/Mercurial

With some exposure to: C++, Python, SQL, PHP, Rust

Experience

Open source volunteer   **October 2012 - Present**

In order to pivot my career towards IT, I chose to invest my time in updating my skills and portfolio. Key contributions include:

Firefox
- Languages: Javascript, C++, Python
- Contributed to a wide range of Firefox/Gecko components, including Developer Tools, Find In Page, Layout, CSS, Telemetry and Editor code
- Frequently involved understanding unfamiliar parts of a large complex codebase
- Required writing code to match specifications and defined behaviours (e.g. Web standards, platform user interface guidelines)

Bugherder
- Languages: Javascript, HTML, CSS, PHP, jQuery
- Approximately 4K lines of code
- Conceived of and built this web application, automating a key process in the landing of code changes to the Firefox code base
- Estimated to have saved 20+ hours of employee time per week
- Widely regarded as having had a transformational effect on the Mozilla "Sheriff" team's workflow

micropolisJS
- Languages: Javascript, HTML, CSS
- Technologies: HTML5 Canvas
- Approximately 10K lines of code
- Port of the open-source release of the original *SimCity* to Javascript/HTML
- Comprehended a poorly commented legacy codebase, adapting and translating it to idiomatic Javascript

funkierJS
- Languages: Javascript
- Technologies: Node, Grunt, Mocha
- Approximately 26K lines of code
- Conceived and built this node module for Haskell-style functional programming in Javascript
- Includes an API documentation-generation system that will soon be split out as a separate library

Admin Supervisor, Wm Morrison Supermarkets plc   **Sep 2005 - Oct 2012**
- Helped lead teams of 8-15 staff in various stores in a fast-paced environment with constantly shifting priorities.
- Responsible for many processes relating to Trading Standards and food safety legal requirements.
- Oversaw the provision of a traditional office administration function.
- Met or exceeded company requirements in terms of deadlines and wage budgets.
- Placed on secondment twice to promoted post of Admin Manager covering maternity leave.
- Mentored and regularly appraised staff.

Conversion Team Trainer, Wm Morrison Supermarkets plc   **Aug 2004 - Sep 2005**
- Member of a team of trainers involved in Morrisons' program to convert its acquired Safeway stores to the Morrisons fascia, training staff in Morrisons procedures.
- Ensured that, after the store closed as a Safeway, all Morrisons price indication and point-of-sale were in place for reopening.
- Engaged with people of all levels in a hectic environment, from board level to building contractors to IT field engineers to newly recruited store staff.
- Given additional responsibility for training other trainers required for acceleration of conversion program in 2005.
- Successfully delivered 15 store conversions across Scotland / N England.

Education

University Of Glasgow: 1997 - 2001
BSc (Hons) Computing Science & Mathematics (2:2)