Graeme McCutcheon

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graeme.mccutcheon@glasgowalumni.net | www.graememcc.co.uk
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 by Firefox's 450 million users daily, and a web app I authored helps teams at Mozilla build and ship future versions of the browser. I have strong Javascript/HTML5 skills, and some exposure to a wide variety of languages, and of course relish the challenge of learning more. My earlier career called upon my teamwork and people management skills, and required me to communicate with a wide variety of people.

Technical Skills

- Javascript
- HTML5
- CSS
- Git / Mercurial
- Some exposure to C++, Python, SQL, PHP
- Currently learning: Rust

Employment

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++
- Contributed to a wide range of Firefox/Gecko components, including Developer Tools, Find In Page, Layout and CSS, and Editor code

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
- Reviewed patches for enhancements and bug-fixes

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, and 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, as well as overseeing the provision of a traditional office administration function. Met or exceeded company requirements in terms of deadlines and wage budgets. Mentored and regularly appraised staff.

Conversion Team Trainer, Wm Morrison Supermarkets plc (Aug 2004 - Sep 2005)

Part 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 and IT field engineers to newly recruited store staff. Successfully delivered 14 store conversions.

Education

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

Douglas-Ewart High School, Newton Stewart
CSYS: Computer Science (A) Mathematics (C)
Highers: Computer Science(A), Music (A), English (A), Mathematics (B), French (B), Modern Studies (B), Economics (B)