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Objective:

I am currently working as a compliance tester and have been experimenting in code and automation to steer my career further along the path to developer. I have a broad skill set in the field of software development and have experience in many languages from my old favorite Java to more modern languages like Haskell and Ruby. I also have a passion for many other fields of software including GNU/Linux, Libre/Open Source software & hardware, Software Licensing, Development/Testing methods and languages. I remain brief on details here as the many projects listed below will help clarify the relevant interests and passions.

I feel the position of working with and for Code for Australia would be almost a dream come true as I have often attended CfA events and I'm excited by the projects I work on.

Experience & Education:

BMM Compliance - Tester (2007 -> Present):

My primary duties at BMM are as a compliance tester for gaming machine software. In the course of my work I perform activities including source code analysis, pedigree and comparison, verification of builds, and test plan creation. I would then generally progress into regression and exploratory testing followed with tailored modifications to semi-automated testing. There is also quite a bit of regulatory documentation for the projects and I am quite proud of my almost flawless record in the matter.

During my time at BMM Compliance I have also contributed process and testing documentation, some of which have now been in use for over five years and are now officially maintained by other colleges. I have also had the great opportunity to work interstate and internationally which was exciting. I really enjoy testing and working at BMM, unfortunately my opportunity to interact with developers or other testers is quite limited as are the opportunities for technical advancement.

My manager over the past 5 or so years has been Khinh Ho and we have developed a good relationship. I would happily put him down as a personal and a business reference and he may be contacted at BMM on 9895 9888 during business hours.

Latrobe University - B. of Arts (Logic) / B. of I.T:

At Latrobe the "Bachelor of Information Science" was directed towards Linguistics and Logic on the arts side and Media Processing and Artificial Intelligence on the Computer Science side of things. I then also took any electives I could along the Programming track covering subjects such as DB, Compilers, Architecture, Networking and a year long Software Project in which I took the role of team lead.

Skills & Projects:

Java:

I have been an enthusiastic Java user since university and regularly read the Java Specialists newsletter by Heins Kabuts. I also attend a Java user group and have given a presentation titled "[Lambda LEDs](#)" about running Java 8 on the Raspberry Pi and controlling hardware using the new streams api.

I also have a collection of Java apps I have written on SourceForge, Google Code and Github. One program in particular stands out as scratching my own itch is [XorElse](#) which xors a collection of hash values and comes in handy at my current work.

While I mainly consider myself a Java developer my most flashy and accessible programs are actually Android apps and I have quite a few apps on the [Google Play Store](#). All apps are open source and many more that didn't make the store are on various code hosing sites under the username PuZZleDuck. Probably my favorite would be the [Orbital Live Wallpaper](#).

Linux:

I have strong interest in Linux and while I still haven't worked out a good tactic for managing the mailing list I have contributed a few [checkpatch](#) and [broken link](#) fixes, and have also participated in the Edupedia Challenge.

I have also contributed a [Bash logging update](#) to the Raspberry Pi setup script for a Hackerspace group I attend, and documentation for software that I have [found useful](#). I am trying to do more work like this in the future as my confidence grows.

At long last my resume is text (and HTML & css). However the important thing is that it's being treated like code and the source is as always [available here](#).

Affiliations & Presentations:

- I am the maintainer of [puzzleduck.org](#) where I publish much of my work
- President and long term contributor to [Free Software Melbourne](#)
- Creator of obscure [software licensing joke video](#) and I have also just begun experimenting with [live coding](#) exercises
- Member of Melbourne JVM meetup (**Presenter for: Lambda LEDs**)
- Member of Linux Users Victoria (**Presenter for: lightning talk on xoscope**)
- Participant at [BattleHack Melbourne 2015](#)
- and any other [code challenges](#) or hackathon that come my way
- Participant in various testing groups (TEAM, MST and STAG)
- Participant of OWASP Melbourne CTF events)
- Member of Melbourne Raspberry Jam and other electronics groups
- and various other meetups and technology events, hope to run into you there