

# PHILIP CASTIGLIONE

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Phone: 0431 838 460  
Email: [philipcastiglione@gmail.com](mailto:philipcastiglione@gmail.com)  
GitHub: [github.com/PhilipCastiglione/](https://github.com/PhilipCastiglione/)  
Portfolio: [philipcastiglione.me](http://philipcastiglione.me)  
LinkedIn: [au.linkedin.com/in/philcastiglione](https://au.linkedin.com/in/philcastiglione)

I am a full stack web developer passionate about making responsive web sites and apps. I'm most experienced with Ruby and JavaScript but can learn new languages quickly. I love the process of programming and I'm especially interested using problem solving and lateral thinking to develop solutions to complex problems.

I am driven by a desire to constantly improve my skills. I'm highly motivated to learn through working in an environment where the product of the development team is important to the business.

Coming from a background in finance and management consulting, I've just completed the General Assembly [Web Development Immersive](#) and I am looking for a full stack developer role in an organisation where I can continue to learn and produce high quality work.

## Core Technical Skills

### Front End

- ▶ Javascript (jQuery, Backbone)
- ▶ CSS3 (Sass)
- ▶ Semantic HTML5

### Back End

- ▶ Ruby (Ruby on Rails & Sinatra)
- ▶ Node.js
- ▶ APIs
- ▶ PostgreSQL

### General

- ▶ Git & GitHub
- ▶ Agile Methodologies
- ▶ Deployment
- ▶ TDD, RSpec
- ▶ User Experience Design

Throughout my career I have also developed excellent soft skills including stakeholder and client management, team building and conflict resolution.

## Professional Experience

### General Assembly

Mar 2015 to May 2015

*Student - Web Development Immersive*

The General Assembly Web Development Immersive is a full time career accelerator program dedicated to teaching full stack software development for the web. The program follows the immersive, bootcamp style popularised in the US as the most effective way to produce high quality developers with relevant skills for the workplace.

### Project 1 - WDIconf

**Brief:** A group project with 7 devs, the project goal was to create website for the GA WDI annual conference. Tech specs included: a booking system, event summary, attracting attendees and an event management system for the conference organisers and speakers. As Project Manager I implemented Agile methodologies to manage our team and leveraged the individual strengths of

team members to achieve a high quality product. I also contributed collaboratively throughout the codebase, particularly where a team member encountered roadblocks.

**Solution:** We used Ruby on Rails as our primary framework. Rails managed routes, admin/backstage MVC and CRUD. We mounted Sinatra on Rails to serve APIs to the front end to mimic an enterprise scale micro-services framework. Backbone.js was employed to manage the moving parts in the SPA, with data accessed on the front end via AJAX get and post requests.

Our database architecture was mapped out thoroughly and managed with a PostgreSQL database. We used Foundation for our responsive design, jQuery for animations, ActiveMailer and SendGrid for emails, Heroku for deployment, Trello for workflow and git for version control.

The site: [wdiconf.com](http://wdiconf.com) & GitHub: <https://github.com/TeamUXB/WDIconf>.

## **Project 2 - Horrorscope**

**Brief:** Horrorscope is a fun app that automatically generates horoscopes with a twist. Following in the style of the early '00s horoscope sites, Horrorscope looks as it is built, tongue in cheek. Horrorscope was built as a solo project in just over four days.

**Solution:** Horrorscope is built in Ruby on Rails, used to manage the MVC and the modular generator for horoscope copy. Javascript and jQuery are used for the (corny!) animations and CSS, Sass and Bourbon were used for styling. The omdb api is accessed to populate movie information - though Nokogiri was used to scrape imdb for more reliable image links than omdb provided.

PostgreSQL was used to manage the database and Heroku for deployment. ActiveMailer and SendGrid was used for managing emails. LocalStorage was used to detect first time visitors and set user defaults.

The site: [horrify.herokuapp.com](http://horrify.herokuapp.com) & GitHub: <https://github.com/PhilipCastiglione/horrorscope>.

## **The University of Melbourne**

**Apr 2013 to Jan 2015**

### *Strategy and Business Analyst*

In this role my primary focus was on extracting data from a variety of systems, developing interpretive financial models and providing high quality financial analysis to the local executive.

- ▶ Designed and implemented a budget monitoring framework, operating across automated Excel spreadsheets and synthesising multiple data sources into a single dashboard view. This initiative was communicated to 16 budget managers and stakeholders and improved the consistency of budget management across the division and was responsible for an annual surplus in excess of \$5.4m, versus financial targets of \$4.4m.
- ▶ Refurbished a Workload Allocation Model constructed in Excel using VBA and integrating information from the student information system, Oracle HR, and internal spreadsheets. Due to operational differences between divisions it was necessary to modify elements of the back-end of the model. The final result was a model quantifying workload levels for local academic staff.
- ▶ Worked with Advancement Office to build financial modelling for a major bid for philanthropic funding. The bid was successful in a competitive pool, securing \$600k for 15 new scholarships.

## **KPMG**

**May 2012 to Jan 2013**

### *Management Consultant*

With offices in 155 countries and annual revenues in excess of \$27 billion, KPMG is one of the largest advisory and professional services firms in the world. At KPMG I was exposed to best practise in quantitative modelling techniques across a range of industries and functions.

- ▶ Developed an internal business development and sales management model linking data from three systems to providing dynamic reporting and executive dashboard functionality. The model provided analyses and interpretation of data previously limited to independent systems, driving new insights into effective business development and sales strategy.
- ▶ Cooperatively reviewed and analysed a KPI benchmarking methodology used by each state and territory office of a government department. This project extended my Excel skills under the guidance of a senior modelling and VBA expert in KPMG. Our team recommended revision of several aspects of the process and provided metrics determined to better fit the technological capability and broader context of the departments commissioning the review.

## **SC Financial Group & Castiglione Securities Trading**

**Aug 2009 to Jul 2011**

### *Co-founder & Managing Director*

Over a period of two years I co-founded and managed two boutique investment businesses trading in derivatives and foreign currencies.

- ▶ Raised more than \$500k in capital from private investors and managed stakeholder relations.
- ▶ Lead development of database of currency price movements and custom trading strategy back-testing facility capable of testing strategies based on a range of indicators and events across majors / cross / minors.

## **The University of Western Australia**

**Jul 2005 to Mar 2009**

### *Senior Accounts Officer*

Over a period of four years, I was promoted from Purchasing Officer, to Accounts Officer, then Senior Accounts Officer. I managed a team of 6, running the accounts department within a school.

## **Education**

### **General Assembly**

**Mar 2015 to May 2015**

#### *Web Development Immersive*

- ▶ Bootcamp style accelerator course: full stack web development focused on Javascript and Ruby

## **The University of Melbourne**

**Mar 2009 to Feb 2012**

### *Bachelor of Commerce (Finance)*

- ▶ 85% average
- ▶ CPA Management Accounting Prize for top grade
- ▶ Sothertons Prize for Business Forensics for top grade