**Joshua Augustinus**

6/34-36 Harbourne rd Kingsford, Sydney, NSW, 2032

0423298848 (Mob) Personal Email: [joshua.augustinus@gmail.com](mailto:joshua.augustinus@gmail.com)

Work Email: joshua.augustinus@telemedcare.com.au

# Employment

**Software Engineer, Telemedcare, Sydney** (Full time) January 2012 – Current

* Developed desktop applications and websites (Winforms/WPF/ASP.net/ HTML/jquery/SQL) used by patients and carers to monitor health. The main desktop application allows users to record measurements and questionnaires both online and offline. Once online, patient data is synced to a central service so that it is viewable to carers and patients from a health portal.
* Adhered to software processes in a medical device regulatory environment including ISO13485 and ISO12207.
* Created applications to transfer data between tablets/computers and third party bluetooth devices. These third party bluetooth devices include devices used to monitor temperature, blood pressure, spo2, blood glucose, ECG and weight.
* Created C# applications to monitor connectivity, troubleshoot connectivity issues and allow connecting via wireless networks.
* Created plugins in Java to be used by a software issue tracking system (JIRA) as well as a testing framework (Testlink).
* Created applications in C# to streamline setup of applications in Windows XP and Windows 8 operating systems.
* Developed and designed responsive web pages that could be used on various screen sizes, using Bootstrap framework.
* Created interoperability services to allow third parties to query or upload data using web service technologies such as ASMX and WCF.

**Software Engineer, Quantium, Sydney** (Full time) October 2010 – January 2012

* Developed applications (Winforms/WPF/Silverlight) used by clients to provide insights to their business. The main application was a report building suite used by insurance companies (e.g. IAG, Suncorp, AAMI and many others) and some retail companies (e.g. Auspost, CBA, eBay). The application allowed users to segment data, compare prices historically and against competitors, and view trends in their underlying data via maps, charts and tables. The software was designed as a desktop version then was later ported to Silverlight for online viewing.
* Provided ad-hoc SQL maintenance to databases used by various applications.
* Communicated with actuarial consultants to resolve data issues and client problems.
* Created SQL databases, tables, and stored procedures for consumption by report building services, with attention to performance and maintainability.

**Analyst/Programmer, Aegis Equities Research, Sydney** (Full time) Feb 2008 – May 2010

* Maintained, updated and provided support for the company modelling software that was used by all research analysts. The excel-based modelling program required knowledge of FTP, VBA, SQL and XML.
* Prepared documentation of financial ratios on the company website, which required knowledge of C# and financial reporting.
* Supported the media and telecommunication analyst in writing company and sector reports. This involved analysing sector trends; analysing and writing summaries of companies’ half- and full-year reports; and basic modelling.
* Worked with the portfolio team to prepare monthly portfolio performance reports for a number of Aegis portfolios, which were sent to clients such as CommSec, Westpac and Securitor. Upgraded the portfolio performance data keeping system to be more efficient using VBA and SQL skills.
* Wrote the afternoon and morning newsletters. Wrote code and fixed existing code for uploading overnight price data, which was used by sites such as News.com.au and theAustralian.com.au.
* Created VBA programs/SQL scripts to automate tasks, such as emailing analysts, tracking analyst performance, downloading information from IRESS/Reuters/Bloomberg, and retrieving historical information from the company database.

# Education

|  |  |
| --- | --- |
| **Microsoft Certification**  Windows Application Development with Microsoft .NET Framework 4 | November 2011 |
| **Passed Level 1 of the CFA Program** | Dec2009 |
| **Bachelor of Commerce (double major in Actuarial Studies and Finance)**  University of New South Wales   * Distinction average (WAM of 75) | Jan 2005 - Dec 2007 |
| **Bachelor of Computer Systems Engineering (partial completion)**  University of Technology Sydney   * Completed two years of a five year degree before transferring to UNSW * Received the Dean’s award for outstanding academic performance for two consecutive years * High Distinction average | Jan2003 – Dec 2004 |

# Computing Skills

* C# Winforms/WPF/Silveright/ASP.net
* HTML 5, Bootstrap and jquery
* Excel VBA
* Java
* SQL, MS Access
* SAS Certified Base Programmer for SAS9
* R, Minitab, Matlab (Novice) – Used in actuarial projects

# Referees

Available on request