

MATT ARNOLD

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PERSONAL PROFILE

I am a C# developer with 5 years experience in the language (3 academically, 2 commercially). I have predominantly worked with Silverlight, WPF and WinForms in previous jobs but also have experience with other frameworks for personal projects (some of which can be seen on my website). With my C# experience comes OOP knowledge and as a result skills that can and have been transferrable to the structuring RDBMSs.

Due to a serious motorbike accident, I have been incapacitated from work since the 22nd September 2012. I am currently undergoing physiotherapy on my knee and ankles and I am still due further surgery but my surgeon has not yet given a date and informs me that it will not be anytime soon. I have no longer have a means of transport but can walk short distances (for ~5-10 minutes) so I am looking to relocate near my new place of employment.

I'm always looking to further my own skills to the mutual benefit of myself and my employer. I would very much like to get back into the programming industry and consequently get back to furthering my knowledge and career.

SOFT SKILLS

- Passion for good design
- Very analytical
- Able to learn from independent research or working with team
- Self-motivated
- Able to work in a professional environment

HARD SKILLS

Programming

7 years experience (5 academic, 2 commercial) with OOP and event-driven programming in various languages and scripts, specialties include:

- C#
- WPF/Silverlight
- WinForms
- .NET 3.5/.NET 4
- Entity Framework
- Multi-threading

Experience with / understanding of the following:

- XNA
- CSS
- SSADM
- VB6
- DirectX
- HTML
- SCRUM
- VB.NET
- GDI+
- XHTML
- TDD
- VBA
- Linq
- XAML
- Office 2003 Suite
- VBS
- SQL
- .NET TCP/IP Sockets
- Office 2007 Suite
- Java
- ASP.NET
- MVC3
- IPC

Mechanics/Electronics

- Built own computer and repaired laptops
- Knowledge of the workings of an internal combustion engine

Sound/Music

- Managed DirectSound
- FL Studio 9
- KORG EM-X

Graphics/3D Modelling

- Managed Direct3D
- Blender3D
- Paintshop Pro 5 – X2

WORK EXPERIENCE

2012-2013[Miles 33] [Bracknell, Berkshire]

[Software Developer (C# Silverlight and Class Library Development Role) – Permanent Work]

- Worked in a team of 9 on company's latest product ("Gemstone")
- Gemstone is advert publishing management software primarily aimed at newspaper owners
- Developed hierarchical data management interface for primitive and some complex data types in Gemstone
- Extended C# server and client data entities generated with Entity Framework
- LINQ and LINQ-to-SQL was used in much of my work
- Used a compilation-necessary build-server for checking in new code
- Learned XAML and with it bubbling and tunnelling practices to integrate with WPF/Silverlight
- Utilized other team members code where possible in an effort to reduce redundancy
- Encouraged reusable code by developing in a modular fashion and consulting other team members about their needs
- Made my more specialized skills known to the team when niche tasks would arise (e.g. graphics work)
- Learned to work with a large system and progress only understanding the intricacies relevant to my projects

2010-2011 [JSP] [Witney, Oxfordshire]

[Lifecycle Engineer (C# WinForms Development Role) – 1 Year Contract via YINI]

- Designed and developed an Intranet for the company
- Developed multi-threaded software for controlling a Brüel & Kjær 1617 Band Pass Filter and a Brüel & Kjær 2636 Measuring Amplifier used for measuring ear defender attenuation
- Consistently created and revised ERDs and flowcharts during the Intranet design process
- Developed a work-around for inability to dynamically load Microsoft Access relationships into strongly-typed .NET DataSets
- Created custom WinForms controls to meet user requirements (including a sliding tree menu)
- Produced custom and company-orientated textures for the GUI elements
- Utilized the Agilent IO .NET Library to communicate with a GBIP bus to the Brüel & Kjær equipment
- Used the GemBox class library for exportation of data to Excel Spreadsheets
- Dealt with memory issues unhandled by the .NET Garbage Collector
- Requested user input with regards to design changes
- Allowed users unfamiliar with the new Intranet to test it for user-intuitiveness and took note of feedback both observationally and communicationally
- Reduced data redundancy within the company with the new Intranet's file system design

2009 [Acer] [Plymouth, Devon]

[Laptop Repair Technician - Temporary Position]

- Used fault-finding software to find source of problem
- Implemented manual fault finding techniques (i.e. logical deduction (if laptop ran through BIOS and crashed at OS, problem may be a corrupted or faulty hard drive))
- Requested replacement part via business' system software and collected via physical collection point
- Replaced the faulty part (e.g. switch the hard drive, reinstall the operating system, etc.)
- Recorded action taken via computer software and sent laptop off to Q-o-S dept for approval

2007 [Robert Dyas] [Burnham-on-sea, Somerset]

[General Assistant]

- Assisted customers with purchase decisions
- Handled refunds and customer complaints and enquiries
- Stocked shelves
- Cleaned shelves and stock room
- Ensured products on display were presented tidily and in order
- Responsible for checking stock levels with scanner

EDUCATION

2011 [Worcester College of Technology] [Central London]

[Management Awareness]

3 day training course provided as part of the Year in Industry scheme (YINI)

2008 - 2010 [University of Plymouth] [Plymouth, Devon]

[BSc Hons Computing]

Found employment more valuable and thus decided to finish course after the 2nd year. This degree provided knowledge and experience in the following fields:

- Programming
- Systems Analysis
- AI
- System Security
- Networking
- Principles of OOP

2005 - 2007 [Bridgwater College] [Bridgwater, Somerset]

[BTEC National Diploma IT]

A coursework-intensive course providing knowledge and experience in the following fields:

- Programming
- Computer Architecture
- Systems Analysis
- E-commerce
- Principles of an RDBMS
- MS Office 2003

2000 - 2005 [The St. Augustine of Canterbury School] [Taunton, Somerset]

[11 GCSEs]

- IT (Double Award)
- Physics
- Chemistry
- Biology
- Maths
- Music
- Art
- English Literature
- English Language
- Religious Education

INTERESTS & HOBBIES

- Programming
- 3D Modelling
- Music
- Mechanics
- Karting
- Cars
- DJing
- Politics
- Computer Games

REFERENCES

Matthew Judson (01993 826052)

Line Manager at JSP

<Additional References Available on Request>