RICHARD MONFORT

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SUMMARY

A self-taught software developer with a love of both web and .NET technologies such as HTML5, CSS3, JavaScript, C#, and ASP.NET MVC. Leverages both formal and informal training to provide software and hardware expertise.

SKILLS

Languages – HTML5, CSS3, JavaScript, C#, VB.NET, SQL
Frameworks and Libraries – ASP.NET MVC, jQuery
Operating Systems – Windows, Linux
Software – Visual Studio 2013 & 2015, SQL Server Management Studio
Hardware – PC hardware design and setup
General – Technical writing, analytical problem solving, working in teams, working independently

EXPERIENCE

SOFTWARE ENGINEER – Satuit Technologies – Aug. 2016 to Present

- Write efficient and robust code that promotes maintainability, reusability, performance, and scalability
- Manage deliverables and meet deadlines
- Perform initial testing on code before releasing code for formal testing and document known issues
- Continuously stay up to date on the latest technologies

SOFTWARE DEVELOPER – CABEM Technologies – Sep. 2015 to Present

- Develop, maintain, and support web applications for clients using HTML5, CSS3, jQuery, ASP.NET MVC, and SQL

COMPUTER REPAIR TECHNICIAN – Freelance – Dec. 2014 to Aug. 2015

- Identified and troubleshot various software and hardware issues in the clients' PCs

WEB DEVELOPER (CONTRACT) – Harvard Graduate School of Education – Oct. 2014 to Nov. 2014

- Created and maintained web forms for various courses using HTML5, CSS3, and JavaScript
- Trained coworkers in the use of Certain event management software
- Created and maintained documentation for Certain event management software so anyone could learn to use it

COMPUTER REPAIR TECHNICIAN – Freelance – Oct. 2013 to Sep. 2014

- Identified and troubleshot various software and hardware issues in the clients' PCs

ASSOCIATE SOFTWARE ENGINEER – Accenture – Oct. 2012 to Sept. 2013

- Designed user interfaces for various projects based on client requirements using HTML5, CSS3, and PEGA PRPC
- Utilized various agile practices such as backlogs, user stories, and iterative and incremental development
- Trained new coworkers in user interface design using HTML5, CSS3, and PEGA PRPC
- Projects
  - Health Insurance (2012-2013) – A business process management application that streamlines health insurance registration and maintenance.
    Role: UI Developer
    Team: 14 members (3 frontend, 4 middleware, 4 backend, 3 project management)
    - Resolved an issue involving lack of UI consistency by creating templates for regular use and encouraging coworkers to do the same
    - Learned HTML5 and CSS3 in order to provide UI customizations requested by client
    - Successfully delivered the product to the client within the 6 month time frame

COMPUTER REPAIR TECHNICIAN – Freelance – Feb. 2012 to Sep. 2012

- Identified and troubleshot various software and hardware issues in the clients' PCs

IT SERVICE DESK SUPPORT (CONTRACT) – Instron – Nov. 2011 to Jan. 2012

- Identified and troubleshot various software and hardware issues in a timely manner reducing overall client downtime
- Created and managed user accounts through active directory
- Maintained records of system changes and performed backups and file recovery
- Deployed services and systems using Symantec Ghost to fulfill needs of organization

IIT INTERN – Museum of Science – Sept. 2010 to Dec. 2010

- Identified and troubleshot various software and hardware issues
- Created and managed user accounts through active directory

QA INTERN – Tatara Systems – Jan. 2010 to Apr. 2010

- Developed various scripts using Tcl and Expect to increase efficiency of work place
- Organized and maintained various documentation

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER ENGINEERING TECHNOLOGY from Wentworth Institute of Technology (2007-2011), Boston, MA

- GPA: 3.32
- WIT Merit Award Scholarship, Dean's List Fall 2009
- Undergraduate Coursework: Technical Communications, Object-Oriented Programming with C++, Microcontrollers & Embedded Communications, Computer Systems Architecture, Computer Communications & Networks, Computer Science I using C, Intro to Operating Systems

PROJECTS

Automatic Window Blinds (2011) - A device that opened and closed window blinds based on the temperature of the room and the amount of light outside. It used a single-board microcontroller in conjunction with a temperature sensor, a light sensor, and a rotary motor. Source code was written in C++.

- Resolved a motor overheating issue by adding sufficient delays to source code
- Successfully built a fully functional device within a 4 month time frame on a 3 member team

PROFESSIONAL TRAINING

BOOKS

HTML and CSS - Design and Build Website by Jon Duckett, JavaScript and JQuery - Interactive Front-End Web Development by Jon Duckett, Think Like a Programmer: An Introduction to Creative Problem Solving by V. Anton Spraul, Clean Code - A Handbook of Agile Software Craftsmanship by Robert C. Martin, Pro C# 5.0 and the .NET 4.5 Framework by Andrew Troelsen, Pro ASP.NET MVC 5 by Adam Freeman, Professional ASP.NET MVC 5 by Jon Galloway, Brad Wilson, Scott Allen, and David Matson

PLURALSIGHT

C# Fundamentals with C# 5.0 by Scott Allen, Relational Database Design by Hugo Kornelis, HTML5 Fundamentals by Craig Shoemaker, HTML5 Advanced Topics by Craig Shoemaker, CSS3 In-Depth by Estelle Weyl, JavaScript Fundamentals by Liam McLennan, Building Applications with ASP.NET MVC 4 by Scott Allen, ASP.NET MVC 4 Fundamentals by Scott Allen, ASP.NET MVC 5 Fundamentals by Scott Allen, Clean Code: Writing Code for Humans by Cory House, Introduction to SQL by Jon Flanders, C# Generics by Scott Allen, LINQ Fundamentals by Scott Allen, HTTP Fundamentals by Scott Allen, Introduction to ASP.NET 4 WebForms by Dan Wahlin and Fritz Onion, IIS for Developers by Steve Evans, C# Best Practices - Improving on the Basics by Deborah Kurata, C# Best Practices - Collections and Generics by Deborah Kurata

PERSONAL PROJECTS

GitHub
github.com/rmonfort

Current Weather (2015) – A web app that accept a US zip code and outputs the weather in the area. It implements the weather API from Wunderground. C#, ASP.NET MVC, JSON, AJAX

Credit Card Validator (2015) – A web app that validates Amex, Discover, Mastercard, and Visa card numbers. Implements the Luhn algorithm. C#, ASP.NET MVC