**E****RIC INGAMELLS**

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***Application Developer***

Experienced Professional Programmer and Developer with over 6 years professional experience in the field. Skilled with collaborating effectively cross-departmentally and incorporating feedback into projects, as well as working independently or in teams as necessary. Ability to always look for ways to improve upon an already existing application to keep people using it and enjoying it. Strong eye for detail and tenacity to continuously strive for perfection in all projects and assignments. Strong knowledge in robotics development, Arduino, and Android development.

***Core strengths:***

*» Programming Languages* *» Software Development » Robotics » Application Development » Website Design
» Technical/User Support » Windows Platforms » Documentation » Scrum and Agile Methodologies
» Meticulous » Methodical & Analytical » Cross-Department & Cross-Function Collaborator*

*» Test Planning » Prototyping » Unit Testing » Autodidact Polymath*

**OVERVIEW OF CONTRIBUTIONS**

* Developed a large scale, multi-platform application encompassing standard forms as well as geospatial derived maps.
* Designed personal and business websites, and performed computer upgrades for multiple internal and external clients.
* Wrote small-to-medium scale network information gathering utilities with VBScript and MS Access.
* Built and designed prototypes of various products and product types based on customer needs.

 **TECHNICAL SKILLS**

**Operating Systems:** Windows, Linux, Arduino, Android

**Languages:** My/T-SQL, C/C++, C#.Net w/MVC, PHP 5, JavaScript, Java, XHTML, HTML/5, CSS/3, XML, XAML

**Programs:** Microsoft Visual Studio 12/15/17, JetBrains WebStorm, dot Peek, Microsoft Office Pro, SolidWorks, GIMP 2, Inkscape, Blender, Android Studio, Arduino (IDE)

**Utilities:** Firebug/Browser Debugging, SQL Server Management Studio, TFS, GIT, Various Diagnostics, Toad (Oracle), Windows Registry

**Technologies:** ReactJS, ExtJS with MVC, REST, Linq2Entity, Arduino Nano/Uno/Mega, Raspberry Pi, Webforms/WPF, Android Bluetooth

**PROFESSIONAL PROGRESSION**

**Sole Proprietor** ▪ Eric's Gear 11/2014-Present

Designed and executed a multi-functional start-up company from the ground-up. Led multiple client projects including: making products using laser cutter, CNC router, 3D printer, and other tools. Created and maintained the company’s website, applications, mobile app, and other various programming projects.

* Utilized programs such as: Solidworks, Gimp, and Inkscape to design various products to laser cut and etch.
* Wrote and updated existing my personal and business websites using PHP, MySQL, HTML, JavaScript, and CSS.
* Created 2 Android apps using Android Studio and Java.
* Published one app to the Google Play Store.

**Web Application Developer** ▪ **ActionLink** 4/2019-5/2019

Short term contract. Add missing functionality to existing internal project for external customer use.

* Designed and implemented functionality in C#.Net with MVC.
* Created new tables for new features in SQL Server 2012.
* Created new and modified existing Stored Procedures in SQL Server 2012.
* Maintained list of features and functionality to be added to the software.
* Worked with senior management and other developers to get functionality correct.

**Web Application Developer** ▪US Army 1/2017-11/2018

Maintained the Legacy website, researched various parts of applications for task management, and worked with various C#.Net desktop utilities and web applications.

* Executed the removal of build warnings and unnecessary code by working with the program owner.
* Maintained the legacy .Net web app, including ASP.Net pages.
* Worked to separate the code behind into an MVC style format.
* Designed and developed a utility in C# to easily discover unused web application pages using the IIS server logs.
* Researched the code to design page flow diagrams using MS Visio.
* Implemented new features based on working with the customer to improve functionality.
* Resolved bugs as reported by the customers.
* Researched the Oracle database to discover what data was still useful to the customer and what wasn’t.

**Website Administrator ▪** John Deere-Sayers INC. 3/2016-10/2016

Scheduled tasks to apply known fixes to the database entries causing issues, updated SSRS reports to meet new requirements, and managed the app portal site issues.

* Automated multiple tasks using PowerShell scripts. Developed a PowerShell script that would email-notify key people when it applied fixes and provide information on what fixes were applied to which rows.
* Managed the MS SQL 2012 database.
* Drastically improved the speed and functionality of SQL queries.
* Energetically collaborated across multiple departments to facilitate accurate and efficient issue resolutions.
* Utilized Remote Desktop to efficiently manage the company servers, website, and applications.
* Researched decompiled code in C# to help determine 3rd party website bugs.

**Web Application Developer ▪** AgWorks LLC 7/2012-3/2016

Communicated and collaborated effectively with managers and other developers to build large sections of the software and to develop a completely new version of the software suite.

* Participated in Scrum and Agile practices and methodologies.
* Worked to rewrite the legacy software using more modern languages, libraries, and tools.
* Implemented the MVC framework in C#.Net and ExtJS.
* Taught and helped new developers understand ExtJS and company coding standards.
* Collaborated with quality assurance (QA) department to remove defects and other issues.
* Worked with the Product Owner and other Management to reproduce old and create new functionality.
* Hosted and participated in the yearly user conference.

**Sole Proprietor ▪** Intense Computers 9/2008-7/2012
Strategically designed and executed multiple websites using: PHP, CSS, JavaScript, XHTML, and AJAX. Utilized MySQL to develop a database for computer part and client information storage.

* Wrote an interactive CMS using PHP and MySQL to accurately update the database and retrieve customer information.
* Designed business websites using PHP with MySQL databases and managed the hosting processes.

**CLIENT PORTFOLIO, Continued Professional Progression**

**Windows 7 Upgrade Technician ▪** Iowa Health Systems, St. Luke’s Hospital 11/2011-5/2012
Designed multiple documentation and coding requirements for clients, ensuring proper installation and implementation of installations and upgrades.

**Phone Technical Support and Sales ▪** GoDaddy 4/2011-11/2011
Supported internal and external clients in many technical issues and questions in a customer service role, ensuring client satisfaction.

**Store Manager and Computer Technician ▪** RJ Ender Computers 2/2010-4/2011
Assisted phone and in-person clients in complex problem-solving and issue resolutions for many computer and technical-related problems. Efficiently built computers, installed software, performed upgrades, and re-organized work spaces.

**Technical Phone Support ▪** 2nd Story Software 3/2009-4/2009
Provided customer service and proficient issue-resolution for over-the-phone clients, assisting them through multiple technical problems.

**Desktop Support; Tier 2 Phone Support ▪** Mercy Medical Center 7/2008-1/2009
Performed routine diagnostics on networks, expedited hardware and software replacements, setup multi-monitor workstations, and installation of Citrix and Windows XPe thin clients.

**Desktop Support/ Tier 2 ▪** Tech Team Global 3/2008-4/2008
Routinely troubleshot software and hardware, and performed desktop support for internal and external clients.

**Desktop Support, Printer Technician, and PC Technician ▪** Erb’s Business Machines 6/2006-3/2008

**Dell warranty roll-out technician ▪** Tek Systems 3/2006

**PC Technician ▪** Ideal Computer Systems Inc. 11/2005-2/2006

**Batch Scanning, Digitizing, Ad-prep, Studio, and Rejects ▪** PindarSet 8/2004-11/2005

**PC Technician, Customer Service, and Sales ▪** Hy-Tech Computer Systems 7/2003-10/2003

**Ethernet Installer** ▪ Cedar Rapids Community School District, Technology Department 5/1998-9/1998

**PC Technician ▪** Cedar Rapids Community School District, Technology Department 1/1997-4/1997

 **EDUCATION, CERTIFICATIONS & TRAINING**

**Associate of Applied Sciences in Computer Information Systems** (2004-2005)Kaplan University, IA

**Majored in Computer Engineering** (1998-2002)Iowa State University, IA

**CompTIA A+ Certified** (2007) CompTIA

**MILITARY SERVICE**

**308th Quartermaster Company, USAR, Washington, IA** 6/1996-6/2004

 Automated Logistical Specialist (92A), Specialist (E-4), Honorable Discharge