Software Engineer Software Engineer - Agilent Nevada, IA Experience with Microsoft Office Suite including: Word, Excel, PowerPoint Experience with: C#, MVC, AngularJS, Selenium, Coypu, Microsoft SQL Server, Java, C++, Lua, JavaScript, JQuery, ASP.Net, WPF, XML, HTML, XHTML, CSS, OpenSG, OpenGL, JAMS, Powershell, Unity3D, Construct 2 Work Experience Software Engineer Agilent February 2018 to Present Develop new web-based system for genomic research machines Maintain and update existing software for genomic research equipment Develop internal software independently for the purposes of testing and machine QA Environment: C#, WPF, SQL, Labview, MVC, Razor, CSS, JavaScript, JQuery Lead Developer or Sole developer INDEPENTENT CONTRACTOR July 2017 to January 2018 Legends of Learning, VRcade Inc. CoolMath-games.com, and MrNussbaum.com July 2017 - January 2018 Independent Game Contracting Locate and determine needs of potential clients Work with small development team to create customized games for public or educational purposes Draft design documentation for proper communication of specifications for product Coordinate all aspects of development within team to create product on time and on budget Act as Lead Developer or Sole developer within team dependent upon size of project Environment: Unity3D, Construct 2, C#, HTML5, CSS, JavaScript, Entity Framework Contract Software Developer Homesteaders Life Company - West Des Moines, IA March 2017 to June 2017 Developed Automation for nightly cycle process Analyzed and converted programs and scripts from manually run VB to Powershell automated Directly coordinated with current operator(s) to develop automated process systems Environment: VB6, C#, Powershell, Batch, JAMS, MSSQL Software Engineer Far Reach Inc - Cedar Falls, IA February 2016 to December 2016 Developed Web-based Application to Create Jersey's and Uniforms for sports teams. Developed Sales systems for communicating orders to Customer Service Representatives. Developed manufacturing specifications system for communicating order details to several factory locations. Mentored several colleagues in AngularJS, MVC Framework, and development processes Environment: C#, Entity Framework, HTML 5, CSS, JavaScript, JQuery, MVC, ASP.Net, AngularJS, Microsoft SQL Server Software Developer Xpanxion Inc -Ames, IA August 2013 to February 2016 Developed Web-based Application to record and monitor

savings from internally generated ideas. Application known as an Idea Management tool. over 400 automated scripts to regression test financial and inventory tracking systems for a large scale medical systems client. Dollar amounts handled by the systems being tested totaled in the hundreds of millions. Environment: C#, Entity Framework, HTML 5, CSS, JavaScript, MVC, AngularJS, Microsoft SQL Server, Selenium, Coypu, XPath Software Developer Iowa State University - Ames, IA October 2008 to January 2011 Contributed to the creation of an Interactive Educational tool to teach K-12 students plant biology. Also handled the creation of a website to provide useful information to educators. Environment: C++, C#, JavaScript, Lua, HTML, CSS, JavaScript, JQuery, XML, OpenSG, OpenGL Education Software Engineering Iowa State University 2008 to 2010 Liberal Arts and Sciences Des Moines Area Community College 2010 Skills Asp.Net (3 years), HTML 5 (3 years), jQuery (5 years), Javascript (7 years), MySQL, CSS (5 years), C# (6 years), MVC (5 years), WPF (2 years), WinForms (4 years), angularJS (3 years)

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