Software Engineer Software Engineer Full-Stack Software Engineer / Data Scientist Montgomery, AL Interested and experienced in object-oriented development, agile methodologies, C# / C++, Python, ASP.NET MVC, SQL, JavaScript, Perl, machine learning algorithms, data mining, web services, APIs, regular expressions, big data, NoSQL, Internet security / encryption, and business intelligence Authorized to work in the US for any employer Work Experience Software Engineer Yellowhammer Landscaping - Montgomery, AL 2015 to 2015   Designed and implemented a web application using C#, ASP.NET MVC 5, jQuery UI, Bootstrap, Unobtrusive AJAX, Razor, HTML5, SQL Server 2014, IIS, and EF which emphasizes SOLID design principles and adaptive rendering

 Developed cross-channel digital marketing campaigns via programmatic integration with Google's DoubleClick Ad Exchange platform and Facebook's Open Graph API using RESTful APIs and the OAuth security framework   Captures detailed insights and metrics in real-time for ad campaigns, thus enabling immediate bid optimization; the result is an increase in target audience reach, conversion rates, and total revenue produced from online ads Web Application Architect Four Care - Scottsdale, AZ 2014 to 2014   Created a multi-tiered, web-based application for a non-profit company whose purpose is to raise awareness about a new, non-pharmaceutical treatment for post-traumatic stress disorder   Expanded and augmented personal development skills via self-study of the management and implementation of cutting-edge technologies across all layers of the development stack, including ASP.NET MVC 5, Razor, AngularJS, SQL Server 2014, Entity Framework 7, IIS 8.5, Visual Studio 2015, SharePoint Server 2013, Windows Identity Foundation, Bootstrap, NInject (Dependency Injection Framework), and NUnit Software Engineer IgntionOne - Atlanta, GA 2013 to 2013   Developed new features for IgnitionOne's Digital Marketing Suite, which enables companies to maximize their return on investment spent on online advertising by targeting and tracking audiences using cross-channel attribution, improving conversions by optimizing lead generation, and providing advanced analytic and reporting tools   Interfaced real-time bidding and optimization algorithms with large public APIs/frameworks, such as Facebook s Open Graph API, Google s DoubleClick for Advertisers (DFA) API, and Google s DoubleClick Digital Marketing (DDM) platform   Contributed towards the development of a completely integrated demand-side platform

(DSP) for ad campaign management using technologies that span all layers of the application development stack, including NoSQL and relational databases, caching, message queuing, remote procedure calls (RPC), and rich Internet application (RIA) frameworks Software Engineer Oracle - Atlanta, GA 2012 to 2013   Designed and developed solutions for a social relationship management application, built on Ruby on Rails, that allows clients to easily create and deploy customized content to Facebook   Implemented hot-fixes for problems identified by customers by searching through a large catalog of code for the location of potential errors and then designed and developed optimal solutions for any issues that were found using a combination of Ruby on Rails, JavaScript (jQuery), CSS, and HTML Web Application Developer WebAssign - Raleigh, NC 2010 to 2011 Collaborated with research, communication, design, and QA teams to develop innovative features using object-oriented JavaScript with MooTools for WebAssign's online homework web application (500,000+ users)   Increased the security of the application by implementing a new authentication system using Perl and Mason that transmits data via HTTPS, thus ensuring the continued patronage of ten large universities   Pioneered the development of an internal style guide that documents the Mason components used to generate common web elements, resulting in less code redundancy and a more consistent user interface   Designed an archetypal solution using XSLT and XML that allows executives and communications specialists to publish content changes to live production web servers, independent of major code releases Technology Analyst Merrill Lynch - New York, NY 2008 to 2009   Developed multithreaded solutions using C# for Merrill Lynch s equity derivatives pricing and booking tool   Enhanced the extensibility of the application by using class attributes to achieve dependency injection   Practiced test-driven development using the NUnit and Rhino Mocks frameworks, thereby improving the overall modularity and maintainability of the application Engineered an exhaustive build system using Ruby and Rake that compiles new releases of the application 800% faster than the previous process, saving the company valuable time and resources Software Engineer (Intern) Aspera, an IBM company - Berkeley, CA 2007 to 2007   Developed a plug-in using Objective-C that integrates Aspera s networking technology into Apple s Final Cut Pro (12,000+ lines of code); the plug-in is used by companies such as CNN, the BBC, and Univision

Created an Objective-C SOAP API for Aspera s high-speed network transport software so that future products utilizing Aspera s technology can be easily developed for Mac OS X Software Engineer (Intern) Toshiba - Nashville, TN 2006 to 2006   Developed an MPEG-2 video transport stream packet decoder, analyzer, and editor using Managed C++; the tool is used to debug streaming ATSC video errors in Toshiba s HDTVs (8,000+ lines of code) Education Bachelor of Engineering in Computer Engineering Vanderbilt University - Nashville, TN August 2004 to May 2008 Skills C# (9 years), Javascript (10+ years), JQuery (6 years), T-Sql (5 years), Python (4 years), ASP.NET MVC 5 (2 years), HTML 5 (10+ years), CSS3 (6 years), Perl (5 years), XML (7 years), Git (5 years), JSON (6 years), REST (7 years), IIS (4 years), Unix (10+ years), SVN (7 years), Agile Development (9 years), Scrum (9 years), C++ (10+ years), Ruby (3 years), Financial Modeling (2 years), Actionscript (1 year), Adobe Flash (2 years), Ajax (6 years), Social Media Marketing (2 years), Apache (3 years), MySQL (5 years), Testing (7 years), User Experience Design (4 years), Content Management Systems (5 years), XSLT (5 years), Digital Marketing (2 years), Final Cut Pro (1 year), Data Analysis (2 years), Business Intelligence (4 years), Machine Learning (2 years), Excel, HTML, SQL, access Certifications/Licenses Machine Learning Nanodegree May 2016 to Present Currently working on completing the Machine Learning Nanodegree program offered by Udacity.com. The program is sponsored by Georgia Institute of Technology, and the curriculum was developed by Google and Kaggle. Additional Information PERSONAL PROJECT   Algorithmic Equity Trader   Monitors the RSS feeds of financial newswires using C# and the Windows Communication Foundation (WCF) Syndication API in order to achieve low latency retrieval of earnings reports   Quickly extracts earnings and revenue data from earnings reports using sophisticated regular expressions   Connects to a commercial trading platform via a RESTful web service over HTTP and asynchronously parses streaming binary and XML financial data in real-time

Name: Michael Moore

Email: william14@example.com

Phone: 757-643-8163x82714