**Joseph Rossitto**

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**GitHub:** <https://github.com/jorossitto/ContinuingEducation>

Computer Science graduate with expertise in automation, machine learning, and data science looking for a senior level position on a software applications team. Eager to apply practical expertise and the latest techniques in automation to help an organization achieve its business goals.

**SUMMARY OF QUALIFICATIONS:**

* Can anticipate potential problems and generate solutions
* Works effectively in fast-paced and collaborative environments
* Enthusiastically learns new skills and takes initiative to exceed expectations
* Excels at multi-tasking and meeting deadlines without sacrificing quality

**TECHNICAL SKILLS:**

**Areas of Expertise**: Machine Learning, Data Science, App Development, Web Development, Unit Testing, Test Automation, Embedded Development, Data Analytics, Database Engineering, Full Stack Development, Backend Development

**Programming Languages:** C#, SQL, T-SQL, Python, Visual Basic, VBA, C++, HTML, HTML5, CSS, Java, Shell, Bash, Batch, jquery, node.js

**Software**: .Net Core, SAP, Salesforce, Hadoop, MapReduce, Excel, Access, Word, Outlook, UFT, Selenium, CAD, Qlik, Tableau, Spark, Doors, AWS, Docker, Git, SSIS, SSMS, Unity, Windows Forms, WPF, BootStrap, Linq, Adwords, Google Analytics, Shopify, Razor Pages, Azure, Visual Studio, ASP.NET

**Hardware:** Desktops, Laptops, Mobile Devices, Workstations and Windows Servers

**Operating Platforms**: Windows XP, Vista, Windows 7, Windows 8, Mac, Windows 10, Linux

**EDUCATION:**

**B.S., Computer Science**, **Minor Business Information Systems**

Eastern Connecticut State University, Willimantic, CT, 2015

**PROFESSIONAL DEVELOPMENT:**

Plural Sight - <https://app.pluralsight.com/profile/joseph-rossitto>

Data Camp - <https://www.datacamp.com/profile/joRossitto>

Salesforce - <https://trailblazer.me/id/rossitto>

Python - Scikit, Numpy, Pandas, Mathplotlib, Keras, Tensorflow, Qtpy, SQLAlchemy

Salesforce – Lightning, Apex, Visual Force, Aura

Deep Learning - CNN, RNN, LSTM, GANs, Auto encoders

**PROFESSIONAL EXPERIENCE:**

**Contractor June 17th 2019 – Dec 1st 2019**

FPI, Agawam Mass

* Worked on multiple enterprise level applications over 500,000 lines of code each
* Daily Scrums to implement agile development methodologies
* Integrated and Migrated C# applications and databases to a salesforce environment
* Managed 1000’s of configuration files to customize one application so each customer has a unique experience depending on their requirements
* Integrated a backend replication system to keep various data sources in sync and handled issues with replication between the sources
* Used SSIS, SSMS, SQL, T-SQL, Apex, Salesforce, .Net Core, Aura, HTML, Razor Pages, Windows Forms, Visual Force, Lightning, bootstrap, jquery, node.js, linq, aura

**Lead Database Engineer Jan 16th 2017- November 8th 2018**

Quest Engineering, East Hartford, CT

* Awards: High Impact employee (awarded to the top 10% of employees)

Perfect MFA award (earned perfect scores customer feedback on all projects)

Employee Engagement award (awarded for taking over a failing project after termination of previous employee and turning it around)

* Used advanced concepts in deep machine learning to automate data visualization reporting
* Handled SAP pulls and integration in various custom databases
* Worked in depth with Python, VBA, VB, Excel, Access, C#, Java, HTML, CSS, SharePoint, Qlik, Tableau, and SQL
* Created advanced simulations for aerospace wind turbine resistance from scratch
* Worked on data manipulation techniques using latest technology in the data science field
* Helped customers visualize their data in order to make better business decisions in real time
* Lead several database upgrades from excel to their current format in either access or python
* Used machine learning to translate proof read thousands of PDF documents sent in from customers for errors and send back ones through email with errors or missing data.
* Updated databases from correctly filled out PDFs saving hundreds of manual update hours
* Management of 5 database engineers through scrum principals and meetings
* Perfect MFA scores from all my customers on all my projects
* Completed all software projects on time and under budget
* Requirements gathering from customers to engineer solutions with minimal applied pivots and scope growth in order to better achieve the needs of the customer while maintaining our projected timeline
* Correctly estimated project time frame and delivered quotations to customers
* Ran business analysis projections for customers on automation projects to estimate total cost savings
* Made scheduling applications to avoid machine downtime in the engineering process optimizing the flow of materials from one machine to the next eliminating bottlenecks

**Lead Automation Test Engineer 2016 to 2017**

Cocc, Southington, CT

* Researched UFT as an automation strategy for test engineering
* Worked closely with business analysts to develop automation scripts using VBA with UFT
* Automated over 300 test scripts saving hundreds of testing man hours for years to come

**Early Career 2011 to 2016**

CT

* Used research skills to learn new proprietary software languages quickly and applied them
* Used technical writing skills to translate technical documents to procedures and expected results
* Read Electrical blueprints
* Wrote test scripts to simulate blueprint functionality in a remote environment