**Joseph Rossitto**

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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:**

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

**Programming Languages:** Java, C++, Python, C#, HTML, HTML5, CSS, Visual Basic, SQL, Shell, Bash, VBA

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

**Software**: Salesforce, Hadoop, MapReduce, Excel, Access, Word, Outlook, UFT, Selenium, CAD, Qlik, Tableau, Spark, Doors, AWS, .Net, Docker, Git, SAP

**EDUCATION:**

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

Eastern Connecticut State University, Willimantic, CT, 2015

**PROFESSIONAL DEVELOPMENT:**

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

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

Data Scientist Career Training Certificate, 2018

Scrum Certificate, 2017

**PROFESSIONAL EXPERIENCE:**

**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

**Embedded Test Engineer 2015 to 2016**

Belcan, Windsor, 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

**Manager 2011 to 2015**

Fresh Coat Painting, Wethersfield, CT

* Helped grow the client base and generate new business. Closed over $40K a month in services to residential customers in the greater Hartford area and utilized management skills to maintain a 30% profitability margin
* Designed company website and updated client database. Created and maintained complex spreadsheets using Microsoft Excel and Access to log business expenses for tax purposes.
* Hires and trains new employees and provides onsite supervision when needed.
* Researched potential online advertising opportunities and evaluated software applications, documenting and presenting findings; these projects resulted in substantial cost savings