JESSICA CLAIRE

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📍 Montgomery Street, San Francisco, CA 94105

SKILLS

Java, Matlab, Python, TensorFlow, Oracle, HTML/CSS, AWS, JavaScript, teamwork, communication time-management, presentation skills, customer service, language fluency Projects

- Code reviews
- HTML and XML
- Javascript
- Python
- A/B testing
- JDBC
- JSP
- Tomcat
- Advanced critical thinking
- Superior time management

EDUCATION

Florida Institute of Technology
Melbourne, FL • Current

Master of Science: Computer Engineering
- Emphasis in Machine Learning
- Advanced Computer Science courses
- Data structures coursework
- Trained in Algorithms

CERTIFICATIONS

Diploma in Java, NIIT
Achiever of the Month, Oct 2014
AINS 24 - General Insurance for IT and Support Professionals

PROFESSIONAL SUMMARY

Advanced knowledge of Java and Matlab Self-directed and motivated Software Engineer who works effectively in a dynamic environment. Fluent in Java, Matlab and Python.

WEBSITES, PORTFOLIOS, PROFILES

- Jessica.azurewebsites.net

ACCOMPLISHMENTS

- Neural Network Using Different Descent Methods 3-layer neural network is implemented using back propagation algorithm.
- Iteration count required to converge is found using 3-fold cross validation Weight parameters are updated using batch and stochastic gradient descent methods.
- Effects of using variable learning rate to attain faster convergence rate is also observed.
- Accuracy of the neural network is computed using two datasets, iris, and car evaluation.
- Decision Tree Using ID3 Algorithm Decision tree is generated using ID3 algorithm to classify data.
- Attributes with higher information gain is placed on top of the tree.
- Pruning is implemented to improve the accuracy of the decision tree.
- Accuracy of the rules generated before and post-pruning is computed using two datasets, iris, and car evaluation.

WORK HISTORY

Xylem Inc. - Devops Engineer
Lexington • 03/2015 - 10/2015

- Designed HA infrastructure for web based applications.
- Supervised monitoring of load present on EC2 instances.
- Performed storage of data in cloud using EBS, Glacier, and S3.
- Coordinated site level DR deployment for DNS failover in multiple regions with Route 53.

Software Developer
10/2013 - 03/2015

- L&T InfoTech, Navi Mumbai Performed CRUD database operations.
- Presented functionality changes to peers.
- Customized, debugged and tested Java code.
- Reviewed and submitted code versions to version control hub Coordinated code reviews with the programming team that involved remote members.

INTERESTS

Diploma in Java, NIIT Achiever of the month award, L&T InfoTech AINS 24 - General Insurance for IT and Support Professionals Co-curricular Activities Belaku, NGO Cultural Committee, K S Institute of Technology Jessica.azurewebsites.net

ADDITIONAL INFORMATION

- Honors and Awards Diploma in Java, NIIT Achiever of the month award, L&T InfoTech AINS 24 - General Insurance for IT and Support Professionals Co-curricular Activities Belaku, NGO Cultural Committee, K S Institute of Technology Jessica.azurewebsites.net