

Jéssica Rodrigues da Silva

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EDUCATION

UFSCar - Federal University of São Carlos
Master's Degree student, Natural Language Processing and Machine Learning
08/2018

Cumulative GPA: 3.0 / 4.0

USC - University of Sagrado Coração
Bachelor on Computer Science, Computer Science
12/2015

Cumulative GPA: 3.43 / 4.0

UNESP - State University of São Paulo Júlio de Mesquita Filho
Informatics Technician, Computer Programming
12/2008

Cumulative GPA: 2.68 / 4.0

WORK EXPERIENCE

- 01/2017 - Present New Way Web and Mobile Solutions
Software Developer (Natural Language Processing & Machine Learning)
- Developer of intelligent solutions and applications of natural language processing and machine learning. Development of classifiers, regressors, and clusters to manage call center queues, prioritize calls, moderate comments, group similar conversations, and suggest adding questions and answers to a knowledge base. Development chatbot intelligent to act as virtual attendant and support of operators with response tips to be given to the client.
- Technologies: Python, TensorFlow, Keras, Java, JavaScript, Webservices, MySQL and Nonrelational Databases;
Site link: <http://gruponevway.com.br/>
- 05/2012 - 07/2016 Lecom SA
Java Developer and BPM Analyst
- Consultancy in modeling, analysis, design, transformation and organization of business processes;
- Modeling and automation of processes through BPMS LecomBPM;
- Integrations with ERPs such as Datasul, Logix and BaaN; - Development of Performance Indicators (KPIs); - Development of robots, integration routines and CRUDs in Java;
- Technologies: JEE, JSP, HTML, CSS, JavaScript, JQuery, CVS, Webservices, MySQL, Oracle, SQLServer and Progress;
- Main customers served: Sodexo (<http://br.sodexo.com>), Santos City Hall (<http://www.santos.sp.gov.br/>) and Multicobra Group (<http://www.multicobra.com.br/>).
Site link: <http://www.lecom.com.br/>
- 05/2008 - 05/2012 Netfox Technology
Software Developer
- Analysis, development, maintenance of management systems for companies and customer support.
- Technologies: Visual Basic 6.0 Database: Access and SQL Server.
Site link: <http://www.netfox.com.br/>

MAJOR SCHOOL PROJECTS

- 2016 - Present WORD SENSE DESAMBIGUATION USING DISTRIBUTIONAL MODELING
Determining the intended sense of words in text – word sense disambiguation (WSD) – is a long-standing problem in natural language processing. Recently, researchers have shown promising results using word vectors extracted from a neural network language model as

features in WSD algorithms. This research aims to explore this technique, inferring meaning to ambiguous words in the generation of Multi-Sense Word Embeddings.

2015

MINING OF OPINIONS APPLIED TO SOCIAL MEDIA FOR ORGANIZATIONS

Line of research in the areas of Natural Language Processing and Analysis of Feelings with design of a software that connects to a fanpage of the social network Facebook, lowers the comments, extracts and classifies the feeling Transmitted in positive, negative or neutral. The software still allows page management to be done directly on the page, allowing you to respond to any comment and generating period reports on satisfied and dissatisfied consumers. The project was conceived as targeting companies and organizations that wish to more effectively manage consumers' feelings about their brand and products.

- Technologies: Java, PHP, MySQL.

TECHNICAL SKILLS

Programming Languages:

Java	4 years
JavaScript	4 years
Visual Basic	4 years
SQL, XML, JSON	8 years
NLP	2 years
ML	1 year
Data Science	1 year
Python	6 months
Keras	3 months

Platforms: Win (administrator), Linux (administrator)

RDBMS: MySQL (8 years), SQL Server (8 years), Oracle (4 years)

Applications: Word2Vec (basic), Doc2Vec (basic), FastText (basic), TensorFlow (basic)

AWARDS AND LEADERSHIP