Cristian MARTINEZ

Personal Data

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Work Experience

JUL 2016 - PRESENT | Data Scientist at ETERMAX, Argentina
Video Games

Researched about text similarity, topic modelling and automatic question generation. Currently working on a predictor of user retention.

MAR 2012 - JUL 2016 | R&D Developer at KEEPCON, Argentina
UG Content Moderation & Monitoring

Researched about topics related to NLP and AI. Designed and implemented a statistical framework for automatic generation of text classifiers (SVM, MaxEnt, Naive Bayes). Build classifiers for various customers, including:

- **Amazon.com**: off-topic detection in reviews for the UK, USA & Canada sites. Metrics: 97% Precision, 80% Recall.
- **Despegar.com**: spam, off-topic detection for Spanish & Portuguese sites. Metrics: 98% Precision, +70% Recall.
- **MercadoLibre**: implemented a set of classifiers for fraud detection (+95% Precision). Detections included: fake product price, replica products and personal data sharing among others. Implemented a framework that provides access to the classifiers via a REST API.

Currently working on a experiment that involves collaboration between human annotators and automatic classifiers. Languages: Java, Python, R and Ruby. Libraries: SVMLight, Mallet, Django, Numpy, Scipy, Matplotlib, Pandas, Scikit-Learn, Gensim, ggplot2, lattice.

MAR 2013 - SEPT 2014 | Teaching Assistant at UNIVERSITY OF BUENOS AIRES, Argentina

TA of the courses Algorithms and Data Structures II & III.

OCT 2011 - MAR 2012 | Intern at CORE SECURITY TECHNOLOGIES, Argentina
Computer and Network Security

Researched on web application vulnerabilities. Developed a web application fingerprinter grounded in machine learning. Languages: Python, JavaScript.

FEB 2011 - OCT 2011 | Developer at RECURSIVA, Argentina

Developed Web and Mobile Applications for various Customers. Languages: Java, ActionScript, HTML, CSS, JavaScript.

Education

SINCE 2008	Lic. en Ciencias de la Computación (equivalent to COMPUTER SCIENCE BACHELOR + MSc.) **University of Buenos Aires**, Argentina Currently working on my thesis. Expected graduation year: 2016. **Gpa**: 8.39/10
2004	**E.E.M. "Julio Cortázar"**, High School	Economics & Organizational Management

Languages

SPANISH:	Native Speaker
ENGLISH:	Reading & Writing: Advanced, Oral: Intermediate

Skills & Knowledge

Programming Languages:	**Java**, **C++**, **Python**, Ruby, R, HTML, JavaScript, LaTeX.
VCS, IDE & others:	Git, SVN, RStudio, Codeblocks, Sublime Text, Vim, Octave, Matlab, R.
Specialities:	Algorithm Design, Machine Learning, Data Analysis.

Other Activities

Kaggle: Top Ten in 'Bag of Words Meets Bags of Popcorn' competition. Participated in 2015.
Medallia: Top Ten in Promoters classification challenge ECI. Participated in 2014.
ACM ICPC: South American Regional. Participated in 2011 & 2012.
Coursera courses: Machine Learning by Andrew Ng, The Data Scientist's Toolbox, Exploratory Data Analysis.