

Waner de Oliveira Miranda

Street Reynaldo de Porcari 1731 - Casa 18 vila 17 - Bairro Medeiros - Jundiaí/ São Paulo - Brazil

Phone: +55-11-95056-0350 / email and Skype: wanermiranda@gmail.com

Experience

Quinto Andar Lead Data Scientist

July 2019 - Dec 2019

- Price Prediction
- Agile Teams Management.
- Data and Analytic Pipelines.

Head of Data Laboratory R&D at Samsung Electronics Manager

Jan 2019 - June 2019

- Data Management and Analytics for Health Sensors.
- Mobile Applications (C++, Java and JavaScript).
- Python and R Data and Analytic Pipelines.
- Agile Teams Management.
- Technical Leadership and Delivery Management.
- Contracts Management.

Machine Learning Architect R&D at Samsung Electronics Supervisor

Jan 2018 - Jan 2019

- Artificial Intelligence for Text and Image Classification in Mobile Devices.
 - Deep Learning (RNN, CNN, LSTM).
 - Shallow Learning (Random Forests, SVM, XGBoost, Ensembles and more).
 - Statistics and Metrics.
 - Dimensionality Reduction and Feature Selection.
 - Feature Engineering and Building Artificial Datasets.
- Web and Mobile Applications (C++, Java and JavaScript).
- Agile Teams Management.
- Technical Leadership and Delivery Management.

Data Scientist & Software Engineer at Accenture Manager

Dec 2016 - Jan 2018

- Fast Data with Spark (Scala) / Storm (Java) / Flume, Kafka, MongoDB / Cassandra / HBase, HDFS.
 - 20 million records batch 4 minutes (medium/small size cluster).
 - 80 records per second Streams with data enrichment and business rules applied.
 - DevOps and Operation.
- Artificial Intelligence for Text and Image Classification, along with Information Retrieval.
 - Deep Learning (RNN, CNN, LSTM).
 - Shallow Learning (Random Forests, SVM, XGBoost, Ensembles and more).

Waner de Oliveira Miranda

Street Reynaldo de Porcari 1731 - Casa 18 vila 17 - Bairro Medeiros - Jundiaí/ São Paulo - Brazil

Phone: +55-11-95056-0350 / email and Skype: wanermiranda@gmail.com

- Statistics and Metrics.
- Dimensionality Reduction and Feature Selection.
- Feature Engineering and Building Artificial Datasets.
- Web and Mobile Applications (Node Js, Java, Python).
- Agile Teams Management.
- Technical Leadership and Delivery Management.

Data Scientist & Software Engineer at SIATI Owner

Jan 2015 - Today

Projects :

- Artificial Intelligence, Web-Scraping and Social Data Analysis for Atualizeme.com. (<http://atualizeme.com/>).
- Artificial Intelligence and Satellite/Aerial Images Analysis for BirdView DroneScan.
- Artificial Intelligence and Data Science consultancy for Microburbs Australia.
- Computer Vision, Artificial Intelligence and Content-Based Information Retrieval.
- Deep Learning - Convolutional Neural Networks mostly.
- Recommender Systems / Natural Language Processing.
- Web Scraping and Data Mining.
- Architecture and System Design.
- Mobile Architecture.
- Image Descriptors and Mid-Level Representation .

Technical Lead Research Engineer at UFMG/LG

Feb 2015 - March-2016

Working as Technical Lead Engineer in Computer Vision Research Project for LG Electronics.

- Researching in Computer Vision, Artificial Intelligence and Content-Based Information Retrieval.
- Architecture and System Design (Python / C++ / Ansi C / Java EE and Android SDK).
- Mobile Architecture (Android SDK and NDK).
- Genetic Programming (Java / Python).
- Deep Learning (Python / C++).
- Image Descriptors and Mid-Level Representation (Python / C++ / Ansi C).

Waner de Oliveira Miranda

Street Reynaldo de Porcari 1731 - Casa 18 vila 17 - Bairro Medeiros - Jundiaí/ São Paulo - Brazil

Phone: +55-11-95056-0350 / email and Skype: wanermiranda@gmail.com

Solutions Architect at CEMIG

February 2011 - Feb 2015

Working as Solution Architect and Technical Leader in projects and technologies below listed:

1. Software Architecture and Engineering for R&D Projects (12 Projects).
2. SOA and BPM initiatives.
3. Solution Architect – Microsoft .Net and Java Projects.
4. Geo-Processing Software.
5. Mobile Architecture.
6. Intranet and Internet Portals.
7. CRM and ERP Integrated Software.
8. EDM Tools.
9. Software Security Consultant and Code Inspection.

Software Developer and Technical Advisor at CEMIG June 2006 - January 2011

Developer and technical reference in projects using:

1. SharePoint 2007 / 2010 C# .Net + MS SQL Server..
2. PHP + MySQL / J2EE + INFORMIX.
3. Intranet and Internet Portals.
4. CRM and ERP Integrated Software.
5. Geoprocessing Tools.

Software Developer / Analyst – Freelance Jobs June 2001 - 2006

1. Hardware communication software (Delphi/Borland C++ also Ansi C and Java).
2. Production line simulation software for factories (J2EE + PostgreSQL) PHP + MySQL

Waner de Oliveira Miranda

Street Reynaldo de Porcari 1731 - Casa 18 vila 17 - Bairro Medeiros - Jundiaí/ São Paulo - Brazil

Phone: +55-11-95056-0350 / email and Skype: wanermiranda@gmail.com

Education

Universidade Federal de Minas Gerais - UFMG June 2018 – 2018 Isolated

Master of Computer Science isolated discipline.

Machine Learning Class 10/10.

Universidade Federal de Minas Gerais - UFMG January 2016 – 2017 Incompleted

Master of Computer Science - Suspended.

Content-Based Information Retrieval - Fitness and Loss Functions for Genetic Programming and Convolution Neural Networks.

Universidade Federal de Minas Gerais - UFMG January 2010 – 2015

Bachelor's degree in Information Technology, with classes focused on Artificial Intelligence and Computer Vision.

Some papers I worked with my colleagues and tutors:

1. **Phenology + Computer Vision + Genetic Programming** – Deriving vegetation indices for phenology analysis using genetic programming,
<http://www.sciencedirect.com/science/article/pii/S1574954115000114>.
2. **Computer Vision + Pattern Recognition + Deep Neural Networks** - Improving Spatial Feature Representation from Aerial Scenes by Using Convolutional Networks,
http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=7314576&url=http%3A%2F%2Fieeexplore.ieee.org%2Fexpls%2Fabs_all.jsp%3Farnumber%3D7314576 .

Instituto Nacional de Telecomunicações - Inatel 2005 - 2006

Telecommunications Engineer Degree incomplete.

1st Place Prize - Fetin - Inatel Technological Fair - Biometric Security System

http://www.inatel.br/home/downloads2/doc_download/35-projetos-inovadores-fetin

Instituto Federal de Tecnologia - IFET 1999 - 2000

Information Technology Technical Course.