

Isabela Grünevald (she, her)

Rio de Janeiro, Brazil

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Education

University Federal Fluminense

B.S. IN COMPUTER SCIENCE

Niterói, Rio de Janeiro

Jan. 2000 - 2005

University Federal Fluminense

M.Sc. IN COMPUTER SCIENCE

Niterói, Rio de Janeiro

2011 - 2013

Language

Fluent **Portuguese**

B2 **English** Cultura Inglesa

B1 **French** Alliance Française, enrolled

A2 **German** Goethe Institut

São Paulo

Rio de Janeiro

Rio de Janeiro

Experience

Dataprev - Empresa Brasileira de Tecnologia e Informação da Previdência Social

IT PROCESS ANALYST

Rio de Janeiro

Dec. 2010 - Current

BioLógica Sistemas

C++ SOFTWARE DEVELOPER

- Work consisted in using computer vision methods applied to biometrics using Microsoft Visual Studio C++. Person recognition using a camera, fingerprints and signature and their applications. Feature extraction, pattern recognition, cluster analysis, classification. Experimental Design, performance evaluation.

Rio de Janeiro

Sep. 2011 - Jun. 2012

BioLógica Sistemas

C++ SOFTWARE DEVELOPER

- Work consisted in using computer vision methods applied to biometrics using Microsoft Visual Studio C++. Person recognition using a camera, fingerprints and signature and their applications. Feature extraction, pattern recognition, cluster analysis, classification. Experimental Design, performance evaluation.

Rio de Janeiro

2008 - Dec. 2010

ADDLabs

C++ SOFTWARE DEVELOPER

- Development in Microsoft Visual Studio using C++, text mining machine learning, artificial intelligence (AI) development. Implementation of new features. Natural Language Processing, Text Analysis.

Niterói, Rio de Janeiro

Aug. 2007 - Apr. 2008

Accenture

TELECOM SOFTWARE DEVELOPMENT & MAINTENANCE

- Billing mediation experience in telecommunications. C, Unix, Arbor (Testing, Configuration) at Intelig. Monitor Process CDR files and updates Billing Database, Ensure all CDR Files are being rated, Identify, rectify and re-process rejected CDR, Provide IT (Mail) support to users.

Rio de Janeiro

Dec. 2006 - Feb. 2007

BULL

TELECOM SOFTWARE DEVELOPMENT & MAINTENANCE

- Billing/mediation experience at Embratel Telecom.
- Writing codes using C/C++, TCL, Unix Solaris, Lotus BMP (Billing Meditation Platform). Monitor Process CDR files and updates Billing Database
- Ensure all CDR Files are being rated, Identify, rectify and re-process rejected CDR, Provide IT (Mail) support to users. Prepare unit test cases and performing the unit test
- Performing end to end testing of the modules.

Rio de Janeiro

Jan. 2004 - Jan. 2005

Extracurricular Activity

Massachusetts Institute of Technology (Certificate of Completion MIT XPro)

Rio de Janeiro

DATA SCIENCE E BIG DATA: DECISÕES BASEADAS EM DADOS

Feb. 2022 - Jul. 2022

- **Clustering:** supervised and unsupervised learning, K-means, Genetic Codes.
- **Spectral Clustering, Components and Embeddings:** Clustering in graphs and networks. Features from graphs. Eigenvector and Eigenvalue. Modularity Clustering.
- **Classical Linear and Nonlinear Regression and Extensions:** Linear regression with one and several variables. Linear regression for prediction and for causal inference. Logistic and other types of nonlinear regression
- **Modern Regression with High-Dimensional Data:** Making good predictions with high-dimensional data; avoiding overfitting by validation and cross-validation. Regularization by Lasso, Ridge, and their modifications. Regression Trees, Random Forest, Boosted Trees
- **The Use of Modern Regression for Causal Inference:** Randomized Control Trials, Observational Studies with Confounding
- **Hypothesis Testing and Classification:** What as anomalies, fraud and Spams. Binary Classification: False Positive/Negative, Precision / Recall, F1-Score. Logistic and Probit regression: Statistical binary classification. Hypothesis testing: Ratio Test and Neyman-Pearson. p-values: Confidence. Support vector machine: Non-statistical classifier. Perceptron: Simple classifier with elegant interpretation
- **Deep Learning:** image classification? Introduce ImageNet and Examples. Classification using a single linear threshold (perceptron). Hierarchical representations. Fitting parameters using back-propagation. Non-convex functions. Features interpretation. Manipulating deep nets (ostrich example). Transfer learning. Speech recognition. Natural language processing.
- **Recommendations and Ranking:** Collaborative Filtering
- **Personalized Recommendations:** Personalization using comparisons, rankings, and users-items. Hidden Markov Model / Neural Nets, Bipartite graph, and graphical model. side-information
- **Networks : Graphical Models** - Undirected graphical models. Ising and Gaussian models. Learning graphical models from data. Directed graphical models. V-structures, "explaining away," and learning directed graphical models. Inference in graphical models: Marginals and message passing. Hidden Markov Model (HMM). Kalman filter
- **Predictive Modeling for Temporal Data:** Prediction Engineering, Feature Types, Deep Feature Synthesis:, Primitives and Algorithms, Deep Feature Synthesis: Stacking

Certificate of Completion

KODEKLOUD

2024

- Golang Certificate Issued Dec, 2024
- Python Basic Issued Dec, 2024
- Shell Scripts for Beginners Issued Dec, 2024
- DevOps Pre-Requisite Course Issued Nov, 2024
- GIT for Beginners Issued Jan, 2025
- Jenkins For Beginners Issued Feb, 2025
- Docker Training Course for the Absolute Beginner Issued Feb, 2025
- Linux Foundation Certified System Administrator (LFCS) Issued Oct. 2025
- Cloud Computing Fundamentals Issued Nov. 2025

COURSERA

2024

- Introduction to Cloud Computing Issued Apr 2024
- Web Development with HTML, CSS, JavaScript Essentials Issued Apr, 2024

DEEPLARNING.AI

2024

- Supervised Machine Learning: Regression and Classification Issued Apr 2024

IBM

2024

- Getting Started with Git and GitHub Issued Apr 2024
- Introduction to Cloud Computing Issued Apr 2024

A CLOUD-GURU

2021-2022

- Introduction to Kubernetes, Issued Aug, 2021
- Introduction to Cloud Computing, Issued Nov, 2022

ALURA

- Certificado de Participação - Criatividade - Potencialize a partir das suas motivações
- Certificado de Participação - Python3 - Parte 2 - Introdução à nova versão de linguagem
- Certificado de Participação - Associate Cloud Engineer parte 1 - A certificação do Google Cloud
- Certificado de Participação - Certificação ITIL 4 Parte 1 - Conceitos Chaves para gerenciamento de serviços
- Certificado de Participação - Certificação ITIL 4 Parte 2 - O sistema de valores de serviços
- Certificado de Participação - Certificação ITIL 4 parte 3 - Cadeia de Valor e as Quatro Dimensões
- Certificado de Participação - Estatística com Python parte 1 - Frequências e Medidas
- Certificado de Participação - Python3 - AVANÇANDO NA ORIENTAÇÃO A OBJETOS
- Certificado de Participação - Python3 - Introdução a orientação a objetos
- Certificado de Participação - Python3 - Parte 1 - Introdução à nova versão de linguagem
- Certificado de Participação - Python3 - STRING EXTRAINDO INFORMAÇÕES DE UMA URL
- Certificado de Participação - Scrum parte 1 - Gerencie o seu projeto de forma ágil
- Certificado de Participação - Scrum Parte 2 - O Manifesto Ágil, Liderança e Organização em Scrum
- Certificado de Participação - Scrum Parte 3 - Iniciando Projetos com Agile
- Certificado de Participação - UML Fundamentos - Na Prática
- Certificado de Participação - UML Introdução Modelagem de soluções
- Certificado de Participação - Web Analytics - Fundamentos
- Certificado - Novas Tecnologias para a Transformação Digital
- Certificado de Conclusão - Técnicas Avançadas de Python
- Data Science e Big Data - Decisões Baseadas em Dados

UDEMY

- Certificate of Completion - Learn Basic Data science and Python Libraries
- Certificate of Completion - 75 Linux commands you ever need to work in Linux environment
- Certificate of Completion - Agile Kanban Kanban for Software Development Teams
- Certificate of Completion - Blockchain Mastery 2021
- Certificate of Completion - Building Android Widgets from Scratch (Learn 8 Widgets)
- Certificate of Completion - Data Analytics A-Z with Python
- Certificate of Completion - DevOps Fundamentals
- Certificate of Completion - Git and GitHub A Practical Course Beginner To Advanced Level
- Certificate of Completion - HTML5 - From Basics to Advanced level - 2021
- Certificate of Completion - Introduction to Artificial Intelligence in the Workplace
- Certificate of Completion - Ip Addressing and Subnetting
- Certificate of Completion - Java Programming Complete Beginner to Advanced
- Certificate of Completion - Javascript Practicals Crash Course
- Certificate of Completion - Learn DNA Primer Design for Polymerase Chain Reaction
- Certificate of Completion - Learn Jenkins CI CD
- Certificate of Completion - Nanotechnology - Introduction, Essentials and Opportunities
- Certificate of Completion - Network Troubleshooting
- Certificate of Completion - NLP Course for Beginner
- Certificate of Completion - Python for Data Science Machine Learning from A-Z
- Certificate of Completion - Scrum Fundamentals for Scrum Master and Agile Projects- 2021
- Certificate of Completion - The Data Science MicroDegree Data Analysis and Visualization
- Certificate of Completion - The Ultimate MySQL Crash Course 2022
- Certificate of Completion - XML and XML Schema Definition in Easy Steps
- Certificate of Completion - Master Sort and Search Algorithms - Learn it Easy with Python
- Certificate of Completion - Learn Big Data Basics

Personal development

Rio de Janeiro

LINKEDIN LEARNING

2021-2022

- Certificado de Conclusão - A Linguagem Corporal da Liderança
- Certificado de Conclusão - Como Desenvolver a Autoconfiança
- Certificado de Conclusão - Como Desenvolver sua Imagem Profissional
- Certificado de Conclusão - Como Desenvolver sua Inteligência Emocional
- Certificado de Conclusão - Como Dizer Não
- Certificado de Conclusão - Como Falar em Público
- Certificado de Conclusão - Como Lidar com Pessoas Difíceis no Trabalho
- Certificado de Conclusão - Como Melhorar o Foco
- Certificado de Conclusão - Como Melhorar suas Competências de Escuta
- Certificado de Conclusão - Como se Comunicar com Empatia
- Certificado de Conclusão - Como Ser uma Pessoa Assertiva
- Certificado de Conclusão - Fundamentos de Gestão de Tempo
- Certificado de Conclusão - Mindfulness Fundamentos da Atenção Plena
- Certificado de Conclusão - Pensamento Crítico
- Certificado de Conclusão - Técnicas de Comunicação Interpessoal
- Certificado de Conclusão - Vieses Inconscientes na Tomada de Decisão
- Certificate of Completion - Startup Value Proposition

Clube Pascal

Rio de Janeiro

WEBSITE ADMINISTER (VOLUNTEER WORK)

Jan. 2017 - Jul. 2017

- Gained knowledge about Moodle Administration at Technical Course at UFRJ University