Emanuel Juliano Morais Silva

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stackoverflow.com/users/10969299

EDUCATION

Universidade Federal de Minas Gerais   Graduating in December 2023
Bachelor of Science in Computer Engineering   *GPA 4.7/5.0*

WORK EXPERIENCE

Computer Science Departament   Belo Horizonte, MG, Brazil
Research Assistant   April 2019 - Present
- Worked on understanding the radicalization at YouTube.
- Collected data from Reddit to learn more about NLP technics, such as Topic Models, Word2Vec and RNN.
- Worked with a YouTube large database, analyzing quantitatively how users' behavior changes and their radicalization.

MAJOR PROJECTS

Analyzing Audience Behavior in YouTube's   July 2019 - January
Radicalization Pipeline   2020
A paper about radicalization of user at YouTube
- Used Google Api to measure toxicity at YouTube comments
- Used Sqlite as a database to store milions of comments and authors
- The paper has been submitted for ICWSM 2020

Fatal Error   May - June 2019
Top down shooter game
- Learned GDScript and implemented User Interface, the Dialog System and build enemies and levels

SKILLS

PROGRAMMING LANGUAGES

1 year: C/C++, Python
6 months: R, GDScript

AWARDS

Honorable Mention in the National Computer Olympiad (2019)
Honorable Mention in the National Math Olympiad (2017/2018)
Gold Medal in the National Astronomy Olympiad (2018)

TECHNOLOGIES

HTML, CSS, Git, Unix/Bash, LaTeX, Godot, IBM tools(Watson Assistant, Kubernets, Cloud)

ONLINE COURSES

Math: Linear Algebra (MIT 18.06,), Matrix Methods in Data Analysis (MIT 18.065)
Artificial Intelligence: Machine Learning (Andrew NG), Practical Deep Learning for Coders V2 (fast.ai)
Algorithms: Advanced Data Structures (MIT 6.851)
Think Python: An Introduction to Software Design Allen B. Downey