Mateus **Filipe Moreira Silva**

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Education

Federal University of Ouro Preto   *Ouro Preto, Minas Gerais*
BS IN COMPUTER SCIENCE   *Sep 2021 – Present*
  GPA: 8.6

Work Experience

Teaching Assistant   *Ouro Preto, Minas Gerais*
LINEAR ALGEBRA & ANALYTIC GEOMETRY   *October 2021 – January 2022*
  • Assisted with Linear Algebra & Analytic Geometry as part of UFOP's teaching assistant program

TerraLab   *Ouro Preto, Minas Gerais*
BACKEND DEVELOPER   *January 2023 – May 2023*
  • Backend development with Python, JavaScript, and TypeScript

Institutional Development   *Ouro Preto, Minas Gerais*
SCHOOL OF NUTRITION   *May 2023 – August 2023*
  • Maintenance and development of web systems and CMS for UFOP's School of Nutrition

Scientific Research   *Ouro Preto, Minas Gerais*
OPERATIONAL RESEARCH   *October 2023 – February 2025*
  • Research in process optimization using linear and integer programming and metaheuristics
  • Focused on parallel machine scheduling

Skills

Programming Languages: Java, C++, C, Python, Javascript, HTML, CSS, SQL, Bash
Frameworks and Libraries: Node, Express, Django
Tools: Docker, Git, Linux, Google Cloud

Projects

Rockrizando   *React, Javascript, Python*
• EVENTS AND PARTIES ORGANIZER
• FRONTEND DEVELOPED IN REACT AND BACKEND IN PYTHON USING THE FLASK FRAMEWORK
• APPLICATION INCLUDES CRUD OF USERS AND EVENTS AMONG OTHER FUNCTIONALITIES   *https://github.com/mateus2k2/Rockrizando*

Tic Tac Toe Online   *Python, Pygame, TKinter*
• ONLINE TIC TAC TOE GAME IN PYTHON USING ONLY SOCKETS
• INCLUDES GRAPHICAL INTERFACE, REGISTRATION, LOGIN, PLAYING AGAINST AI LOCATED ON THE SERVER, SOUND   *https://github.com/mateus2k2/TicTacToe-*
  EFFECTS, AMONG OTHERS   *Python-Sockets-GUI*

Certificates

April 2023   **MERN Development**, Full-stack Web Development with React, Express, Node, and MongoDB   *Udemy*