



TAINÁ MACHADO SELAYARAN

CONTACT INFORMATION

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Location: Barreiro, Portugal

PERSONAL PROFILE

Biomedical Informatics student on academic exchange at the Polytechnic Institute of Setúbal, pursuing a degree in Bioinformatics. I am seeking opportunities to work in the field, aiming to acquire more knowledge and skills.

AREAS OF EXPERIENCE

- Basic knowledge of C and Java programming languages
- Intermediate knowledge of Python, R, and Shell scripting
- Intermediate knowledge of SQL databases
- Knowledge of software engineering

SKILLS

- Information analysis capability
- Detail-oriented
- Organized
- Collaborative
- Committed
- Peaceful

EXPERIENCE

UNDERGRADUATE RESEARCH FELLOW – RESPIRATORY VIRAL INFECTIONS PROJECT IN RIO GRANDE DO SUL (GENOMICS) CNPQ | 2024

INTERN – CENTER FOR SCIENTIFIC AND TECHNOLOGICAL DEVELOPMENT AT THE STATE HEALTH SURVEILLANCE CENTER OF RS 2022–2024

- BIOINFORMATICS AND GENOMIC SURVEILLANCE DIVISION
- DEVELOPED A COMPLETE GENOME SEQUENCING DATABASE
- CREATED PYTHON AND R SCRIPTS FOR TASK AUTOMATION AND GRAPH GENERATION
- PERFORMED GENOMIC ASSEMBLY TASKS AND UTILIZED PIPELINES FOR GENE AND PHYLOGENETIC ANALYSIS USING COMMAND LINE OR SHELL SCRIPTS

LABORATORY ASSISTANT

LABORATÓRIO LAVIN LTDA. | 2020–2022

- PHYSICAL-CHEMICAL LABORATORY TECHNICIAN
- CONDUCTED ANALYSES IN THE WATER AND MICROBIOLOGY LABORATORIES
- PERFORMED TITRATION, DISTILLATION, PH MEASUREMENT, TOTAL COLIFORMS, HETEROTROPHIC BACTERIA, SPECTROPHOTOMETRY, AMONG OTHERS

EDUCATION

POLYTECHNIC INSTITUTE OF SETÚBAL, BARREIRO SCHOOL OF TECHNOLOGY, BIOINFORMATICS UNDERGRADUATE, CURRENTLY ON ACADEMIC EXCHANGE, ONGOING.

FEDERAL UNIVERSITY OF HEALTH SCIENCES OF PORTO ALEGRE (UFCSPA) – BIOMEDICAL INFORMATICS UNDERGRADUATE STUDENT, SIXTH SEMESTER | COURSE STARTED IN 2021

FEDERAL INSTITUTE OF RIO GRANDE DO SUL – CAXIAS DO SUL CAMPUS, GRADUATED IN 2019 | TECHNICAL DEGREE IN CHEMISTRY (INTEGRATED WITH HIGH SCHOOL)

INFORMATICS – BASIC LEVEL
INSTITUTION: QUESTION, 2016

ENGLISH – B1 LEVEL (INDEPENDENT USER)
INSTITUTION: COLLEGE, 2018–2021