

MATEUS TELES VITAL GONÇALVES

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OBJECTIVE

To join Bayer B4U Programe in the position mentee.

MOTIVATION

To have the opportunity to learn more about the seed industry, to expand my network, and to work in collaboration with Bayer scientists.

CURRENT ACITIVITY

I am currently enrolled as a postdoctoral researcher at the Universidade Federal de Viçosa (UFV). My research involves the use of molecular markers for genomic prediction of complex traits in tetraploid potato.

EDUCATION AND TRAINING

- **D.Sc. in Genetics and Breeding**, (Completion estimated in February 2024) – Universidade Federal de Viçosa (UFV).

Experiences: Visiting student at Virginia Polytechnic Institute and State University (Virginia Tech). I had experience with genomic prediction analysis using the genomic single-step approach (ssGBLUP) and the integration of image-based phenotypes with pedigree and genomic prediction models. Served as a teaching assistant for the linear models course offered by the Graduate Program in Applied Statistics and Biometrics (PPEAB). Worked as a consultant and extension coordinator at the Laboratory of Analysis and Research in Applied Statistics (LAPEA), affiliated with the PPEAB. Completed an internship at GDM Seeds, where my responsibilities included: assisting in the design and evaluation of plant pathology trial protocols developed by the quality and innovation team, and analyzing data from trials conducted in both field and controlled environments.

- **M.Sc. in Genetics and Breeding**, July 2019 – Universidade Federal de Viçosa (UFV).

Experiences: I had experience with the analysis of phenotypic, genomic and near-infrared (NIR) data in R software. Presentation of scientific projects in oral and written form to different audiences. Development of reports and dashboards in R to aid in data interpretation.

- **B.Sc in Agronomy**, July 2017 – Universidade Federal de Viçosa (UFV).

Experiences: Intern and scientific initiation scholarship holder at the UFV sugarcane genetic improvement program (PMGCA-UFV) with the following activities: installation, conduction and data collection in field trials. Collection and analysis of data from greenhouse trials for resistance to the borer (*Diatrea saccharalis*) and field tests for resistance to brown rust (*Puccinia melanocephala*). Trainee at the junior consulting service company Agroplan. Academic exchange at Szent István University (Hungary) during 18 months.

COURSES

- **Analysis and interpretation of experimental Data** – 2022 – UFGD.
- **R Shiny Interactive Web Apps - Next Level Data Visualization** – 2021 – UDEMY.
- **Deep Learning with Python** – 2020 – UDEMY.
- **10º Course of Scientific Writing** – 2018 – EPAMIG.
- **Introduction to MatLab** – 2016 – NERO-UFV.

LANGUAGES

- Portuguese (native), English (fluent), French (intermediate), Spanish (basic).