

MATEUS M. FURQUIM MENDONÇA

Machine Learning and Software Engineer

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Brazil

PROFESSIONAL SUMMARY

Highly skilled software engineer with over 9 years of experience and a diverse background. Committed to team growth and innovation through effective mentoring and collaboration. Strong problem-solving skills with a passion for delivering high-quality software solutions.

WORK EXPERIENCE

Back-end Developer

DevGrid

Jan 2021 – Present

United Kingdom (Remote)

Managed several microservices that employ machine learning algorithms to estimate house appliances' energy consumption.

- > Achieved up to 59% improvement in **Python** write operations on **Cassandra** through the safe utilization of unlogged batches.
- > Iteratively improved domain models following **Domain Driven Design** approach, increasing efficiency in delivering new features.

Embedded Software Developer

Ligature A merged glyph.
Kerning A spacing adjustment between two adjacent letters.

In this report, we will explore the various factors that influence fluid dynamics in glaciers and how they contribute to the formation and behaviour of these natural structures.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat.

Sub Heading

- The climate
 - Temperature
 - Precipitation
- The topography
- The geology

The equation $Q = \rho Av + C$ defines the glacial flow rate.

The flow rate of a glacier is defined by the following equation:

$$Q = \rho Av + C$$

The flow rate of a glacier is given by the following equation:

$$Q = \rho Av + \text{time offset}$$

Total displaced soil by glacial flow:

$$7.32\beta + \sum_{i=0}^{\nabla} \frac{Q_i}{2}$$

Total displaced soil by glacial flow:

$$7.32\beta + \sum_{i=0}^{\nabla} \frac{Q_i(a_i - \varepsilon)}{2}$$

$$v := \begin{pmatrix} x_1 \\ x_2 \\ x_3 \end{pmatrix}$$

$$a \rightsquigarrow b$$

Number: 3

$\neg x$ is the opposite of x

let name = [Typst!]

parbreak()

strong emphasis print(1) <https://typst.app/>

MATEUS M. FURQUIM MENDONÇA

HEADING

• item

1. item

Term description

x^2

‘single’ or “double” , —



Tweet at us #ad ,

x^2

x^2

$x_1\ x^2\ 1 + \frac{a+b}{5}\ y$