

# ERIC SIQUEIRA DE CARVALHO

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## ABOUT ME

I am studying Applied Computer Science with specialization on Data Science and Bioinformatics until and I am looking to enter the German IT industry. I have work experience in cloud services and web development. I speak English fluently, I am learning German, and have a good understanding of programming languages such as Python and Java, as well as core computer science concepts.

## EDUCATION

### Master of Applied Computer Science

10/2022 – current

*Georg-August-Universität Göttingen*

Focus: Data science concepts and applications, machine learning, bioinformatics.

Courses: Data managements, Machine learning, Deep learning, Data Infrastructures, Data Science in smart city, Bio-inspired networks, High Performance Data Analytics, System Biology, Data mining for bioinformatic.

### Bachelor of Computer Science

09/2017 – 07/2021

*University of Algarve, Portugal*

Focus: Understanding of the main areas of informatic, programming paradigms, overview of recent technologies and methodologies for software development.

Courses: Data bases, Artificial Intelligence, Computer Network, Object Oriented Programming, Web Development, Software Engineering, Statistics, Mathematical Analysis, Algorithms and data structures, Parallel and distributed systems.

### High School Degree

09/2015 – 07/2016

*Yellow Springs High School, Yellow Springs, Ohio, US*

## WORK-EXPERIENCE

### Developer work as intern

09/2021 – 09/2022

*ATOS, Portugal*

Full stack development and cloud services integration, development of TELECOM applications, provide weekly feedback during meetings.

**Web and app developer part time**

**04/2021 – 07/2021**

*MTI – Managing The Intelligence, Faro - Portugal*

Development of smart room application for hotels, website for backlog, implementation of internal and external APIs.

**Programming teacher for kids**

**07/2019 – 09/2019**

*Happy Code, Faro - Portugal*

Teaching programming concepts to kids between 8 and 12 years old during summer, preparing material, giving lessons, and discussing feedback with parents and supervisors.

## QUALIFICATIONS

**Languages**

Portugiesisch (mothertongue) Englisch (C2) Deutsch (A2) Spanisch (B1)

**IT- Skills**

Python (+3 years), Java (+4 years), JavaScript (1 year), React (1 year), Cloud services in AWS (1 year), Docker (2 years), php (+2 years), Trello (1 year), Micro services development using SpringBoot (1 year), Database languages – SQL, postgres (+3 years), Django (1 year).

Practical project on evolutionary routing algorithms for Ad-hoc networks (2 members). Practical project on data science on covid impact in education (2 members). Full Stack development of room management service for university (4 members). Analysis of explainable machine learning methods for breast cancer detection (1 member).

## AUSZEICHNUNGEN & PREISE

Erasmus -Vollstipendium der EU-Kommission

**10/2020**

## SOCIAL ENGAGEMENT

**Study Buddy Program Göttingen**

**09/2022 – current**

Helping new students with university matters.

**BraUalg – Faro, Portugal**

**08/2018 – 03/2019**

Organizing and providing help for Brazilian students in the University Of Algarve, with social and academic matters.

## INTERESTS

Basketball, badminton, cinema, music, writing, travel, camping.

## RECOMMENDATIONS

**Maria Inês Evangelista**, Atos, ines-evangelista@hotmail.com

**Miguel Silva**, MTI: Managing The Intelligence, miguel@managingtheintelligence.pt

**Annabel Konermann**, Göttingen International, 0551- 39-21277, [annabel.konermann@zvw.uni-goettingen.de](mailto:annabel.konermann@zvw.uni-goettingen.de)  
Göttingen, Juli 2023