



## Sastelvio Serafim Manuel

### DATE OF BIRTH:

06/04/1994

### CONTACT

Nationality: Mozambican

Gender: Male



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### ABOUT ME

I believe that for great results we should have equally great aspirations, however, I know the importance of keeping solid roots as support, so I focus and dedicate myself to what I believe to be essential to achieving my goals. Information Technology was a consequence of a breakdown in my life, but I am fascinated by the semantics and logic behind it. Recently, I had the opportunity to start developing Energy-related skills and knowledge so I accepted this challenge because I believe that in the current scenario of energy demand due to population increase, industrialization (among other factors) has as one of the main consequences of the increase of emissions of harmful gases to the planet year after year, it is expected that a sustainable future based on renewable energies will be supported by information technologies to optimize the production, storage, distribution and consumption of energy.

### WORK EXPERIENCE

01/02/2016 – CURRENT

#### Assistant Professor

Universidade Católica de Moçambique

- Plan and teach classes related to information technologies
- Participate in reviewing the academic curriculum whenever requested

Education / [www.ucm.ac.mz](http://www.ucm.ac.mz) / Av 25 de Setembro, 336, Pemba, Mozambique

21/11/2013 – 30/08/2014

#### Technical salesperson

Procomputers

- Sales, Customer Service and IT Support.

Wholesale and retail trade; repair of motor vehicles and motorcycles / [www.procomputers.co.mz](http://www.procomputers.co.mz) / Av 25 de Setembro, 530, Pemba, Mozambique

01/04/2013 – 30/06/2013

#### Internship

FIPAG

- Knowing the Function and Managing a System in which the main focus is customer satisfaction, without leaving aside internal productivity.

Water supply; sewerage, waste management and remediation activities / [www.fipag.co.mz](http://www.fipag.co.mz) / Rua 7 de Abril, 289, Pemba, Mozambique

### EDUCATION AND TRAINING

01/03/2020 – CURRENT – Av 25 de Setembro, 725, Pemba, Mozambique

#### Master in Geographic Information Systems and Monitoring of Natural Resources

Universidade Católica de Moçambique

[www.ucm.ac.mz](http://www.ucm.ac.mz)

01/09/2018 – 30/08/2019 – Groningen, Netherlands

#### Master in Energy and Environmental Sciences (Incomplete)

University of Groningen

<https://www.rug.nl/>

01/02/2012 – 19/09/2015 – Av 25 de Setembro, Pemba, Mozambique

## Bachelor in Information Technology

Universidade Católica de Moçambique

- Object Oriented Programming
- Java Programming
- Relational Database Design and Implementation
- Computer Network Configuration
- Server Configuration
- Web Programming (HTML, CSS, JavaScript)
- Enterprise Software Developer
- Software

[www.ucm.ac.mz](http://www.ucm.ac.mz)

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Portuguese

**OTHER LANGUAGE(S):**

English

Listening  
B1

Reading  
B1

Spoken  
production  
B1

Spoken  
interaction  
B1

Writing  
B1

## PROJECTS

01/07/2020 – CURRENT

### Principal Developer for the SUCCEED Project

<https://succeed-solidarmed.github.io/>

1. Collaboration in gathering requirements for the system;
2. Collaboration in the design of the system;
3. Coordination of the system implementation team;
4. Coordination of the deployment and testing team;
5. Collaboration in the maintenance of the system;

01/06/2020 – CURRENT

### Member of the Technical Team of the Pemba City Navigator Project

1. Create a platform that allows improved accessibility to basic resources for the prevention of COVID-19 in the city of Pemba;
2. Project with the Municipal Council of the City of Pemba as the main partner;

## VOLUNTEERING

15/07/2020 – CURRENT

### Makobo Volunteer The Solidarity Platform - Cabo Delgado

Cabo Delgado, Mozambique

Volunteer at Makobo through the Faculty of Tourism and Informatics Management, with the main focus on computer technical support in the activities carried out by Makobo in Cabo Delgado.

# MASSIVE OPEN ONLINE COURSE (MOOC)

19/04/2021 – 19/04/2021

## Ethics and Law in Data Analytics

With big data analytics and artificial intelligence (AI), corporations, governments, and individuals have access to powerful tools that can have real-world outcomes. Data professionals today need both the frameworks and the methods in their job to achieve optimal results while being good stewards of their critical role in society today.

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Ethics\\_Law\\_Data\\_Analytics\\_AZjzwifPR9pmYUOOankkSprQB89Q\\_EN.pdf](http://sastelvio.com/files/certificate/online/Ethics_Law_Data_Analytics_AZjzwifPR9pmYUOOankkSprQB89Q_EN.pdf)

16/04/2021 – 16/04/2021

## Problem Solving Techniques

You can't solve a problem if you don't get to its cause - and sometimes there are more than one. In this course, learn techniques to identify the root cause of problems, generate options and select the best solution.

[http://sastelvio.com/files/certificate/online/  
Tec\\_Resol\\_Prob\\_AcxIYnPhibTa9pduObq9TptCwfoV\\_EN.pdf](http://sastelvio.com/files/certificate/online/Tec_Resol_Prob_AcxIYnPhibTa9pduObq9TptCwfoV_EN.pdf)

12/04/2021 – 12/04/2021

## Ecommerce Fundamentals

Got an idea for a product that you'd like to sell online? In this course, instructor Patrick Rauland covers what you need to know to transform your idea into a full-fledged online store.

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Ecommerce\\_Fundam\\_AWxaxpc0m-hY2b-1-11DMSHxRcXW\\_EN.pdf](http://sastelvio.com/files/certificate/online/Ecommerce_Fundam_AWxaxpc0m-hY2b-1-11DMSHxRcXW_EN.pdf)

12/04/2021 – 12/04/2021

## Finance for Non-Financial Managers

If you want to grow in your career and take on greater responsibilities in the organization, you will need to demonstrate a minimal understanding of financial management - even if you do not have a financial role. You don't have to be a "numeric" person! You just need to understand the role of numbers in business.

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Financas\\_Gestores\\_nao\\_Fin\\_AW82Cl-iWU27ZO1NA08AM3R7ql0C\\_PT.pdf](http://sastelvio.com/files/certificate/online/Financas_Gestores_nao_Fin_AW82Cl-iWU27ZO1NA08AM3R7ql0C_PT.pdf)

10/04/2021 – 10/04/2021

## Finances Fundamentals

Finance is part of the real world. It affects everyone: people, families, businesses, and governments. While it may seem complicated, the main thing in finance is deciding what to buy, how to get the money you need, and managing the resources you have acquired. In this course, Brigham Young University business professors, Jim and Kay Stice, offer a comprehensive view of finance, covering everything from reading a balance sheet to understanding derivatives and securities.

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Fundam\\_Financas\\_ARZu0w2lvgtNmyQMmLRpAS9jGJLB\\_EN.pdf](http://sastelvio.com/files/certificate/online/Fundam_Financas_ARZu0w2lvgtNmyQMmLRpAS9jGJLB_EN.pdf)

10/04/2021 – 10/04/2021

## Artificial Intelligence Foundations: Machine Learning

Machine learning is one of the most vibrant areas of artificial intelligence. Machine learning algorithms allow computers to learn new things without being programmed to do so.

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Fundam\\_IA\\_Aprend\\_Maq\\_ASVTW1Axj0eoZ330zKTodGqOsfN\\_EN.pdf](http://sastelvio.com/files/certificate/online/Fundam_IA_Aprend_Maq_ASVTW1Axj0eoZ330zKTodGqOsfN_EN.pdf)

09/04/2021 – 09/04/2021

## Agile Software Development

The Agile approach - which emphasizes continuous delivery and improvement, collaboration, and responsiveness to change - can help

professionals improve both the productivity and the quality of their final products.

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Dev\\_Agil\\_Software\\_Aeqso6kwZAAXuRwvHScgPLBEk5rz\\_EN.pdf](https://sastelvio.com/files/certificate/online/Dev_Agil_Software_Aeqso6kwZAAXuRwvHScgPLBEk5rz_EN.pdf)

**10/04/2021 – 10/04/2021**

### **Project Management Foundations: Ethics**

A project manager can improve his reputation and promote involvement and success by adopting several fundamental ethical issues. In this course, Bob McGannon addresses the four ethical values of a project: responsibility, respect, justice and honesty.

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Fundam\\_Gestao\\_Proje\\_Etica\\_AU15d2HiEopAJLmi1YsAD5NkqbY0\\_EN.pdf](https://sastelvio.com/files/certificate/online/Fundam_Gestao_Proje_Etica_AU15d2HiEopAJLmi1YsAD5NkqbY0_EN.pdf)

**12/04/2021 – 12/04/2021**

### **Critical Thinking**

Critical ThinkingCritical thinking is the ability to think reflexively and independently to make informed decisions. By focusing on root-cause issues, critical thinking helps to avoid future problems that may result from your actions.

[http://sastelvio.com/files/certificate/online/  
Pensamento\\_Critico\\_AbN4nDfagTkiBIRL3Rc92rpkp68E\\_EN.pdf](http://sastelvio.com/files/certificate/online/Pensamento_Critico_AbN4nDfagTkiBIRL3Rc92rpkp68E_EN.pdf)

**15/04/2021 – 15/04/2021**

### **Operations Management Foundations**

Customers want value. Business, productivity. The solution: optimized operations, from manufacturing to delivery.

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Fundam\\_Gestao\\_Op\\_AQ4y8kHPnSTzQgy1bxgk3-kXVIXi\\_EN.pdf](http://sastelvio.com/files/certificate/online/Fundam_Gestao_Op_AQ4y8kHPnSTzQgy1bxgk3-kXVIXi_EN.pdf)

**20/04/2021 – 20/04/2021**

### **Learning R**

R is a free, open-source language for data science that is among the most popular platforms for professional analysts. Learn the basics of R and get started finding insights from your own data, in this course with professor and data scientist Barton Poulson.

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Learning\\_R\\_Abhcbg63rRLeLcwWyMS0qjXLzxyA\\_EN.pdf](https://sastelvio.com/files/certificate/online/Learning_R_Abhcbg63rRLeLcwWyMS0qjXLzxyA_EN.pdf)