Henrique Sousa
Computer Science Student

I'm a Computer Science student at University of Aveiro. I consider myself to be a tech enthusiast. I like to develop and learn about everything tech related. I often embrace new challenges and I enjoy to solve daily problems with the help of technology. Currently, I'm developing Bus Schedule mobile apps for the Azores Islands under the name "Sousa Dev".

Ponta Delgada, Açores

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tinyurl.com/apps-henrique

github.com/sousaUA

sousadev.com

Hobbies and interests

· Music · Software Development
· Artificial Intelligence · Sports
· App Development · Machine Learning

IT Experience

App Development using **Flutter**
Jun 2023 - Current
Development of the Bus Schedule App for São Miguel Island in flutter. Currently working on an **iOS** and **Android** version

Full Stack Development
Jun 2021 - Current
Development of an API using **Django** with a database in **PostgresSQL** deployed in **Heroku** and webapp with **Flask**, **HTML**, **CSS** and **JS** self-hosted on a Raspberry Pi for 'São Miguel Bus'

Research Initiation Grant
Apr 2022 - Apr 2023
Student Researcher at **Instituto de Telecomunicações** (IT). Worked with **UAVs**, **Kuberbenetes** (K8s and K3s) and **Networking**.

App Development using **Android Studio**
Jun 2021 - Jun 2023
Development of an app for the Bus Schedule of São Miguel and Terceira islands, in order to help residents and tourists to easily travel by bus on the island

App Development using **Thunkable**
Mar 2019 - Jul 2020
Development of two mini games and the early stages of the "São Miguel Bus" android application

Academic Education

University of Aveiro
Sep 2022 - Current
Currently on the second and last year of a **Master in Robotics and Intelligent Systems**

University of Aveiro
Sep 2019 - Jul 2022
1st cycle degree in **Informatics Engineering**

Machine Learning - Coursera
Issued Sep 2021
Online course without academic credit authorized by **Stanford University**

💼 General Experience

Núcleo de Estudantes de Informática - AAUAv
Oct 2019 - Mar 2020
• Collaborator (organized a party and an online video game tournament called 'PLEI at Home' during the covid-19 pandemic)

Middle School Handball Club
Aug 2017 - Jun 2018
• Goalkeeper

Capelas Parish Youth Choir
Aug 2014 - Aug 2016
• Guitar Player

Conservatório Regional de Ponta Delgada
Sep 2013 - Jun 2015
• Trumpet, Musical Formation and Wind Orchestra

Banda União dos Amigos
Jan 2010 - Sep 2012
• Trumpet Player

Chess Club
Jan 2010 - Aug 2012
• Chess Player (Participated in several local tournaments)

Capelense Sport Clube
Aug 2009 - Jun 2014
• Football Player at Sub-10 and Sub-12 squads (Right Back)

📋 Skills

• Python • Java • Kotlin • Dart • Django • Flask
• ROS • Android Studio • Flutter • Git/GitHub
• Docker

Languages

Portuguese ●●●●●

English ●●●●