

CURRICULUM VITAE



PERSONAL INFORMATION

Full Name	Francisco Teixeira de Barros
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Website	https://franciscokloganb.github.io/
LinkedIn	https://www.linkedin.com/in/francisco-barros-232631161/
Nationality	Portuguese
Date of Birth	14.02.1991
Gender	Male

PROFESSIONAL EXPERIENCE

Dates January 2021 – Present

<i>Occupation or Held Position</i>	Software Engineer – AppConnect and Developer Experience
<i>Main Activities and Responsibilities</i>	Developing various backend and sometimes frontend solutions that enable submission of internal and partner applications, managing installations, licenses, and lifecycle hooks.
<i>Employing Organization Name</i>	Talkdesk (Porto office)
<i>Recommendation Contacts</i>	Joao Pedro (Software Engineer) – joao.pedro@talkdesk.com
<i>Type of Business or Sector</i>	Software and IT – Contact Center as a Service

Dates June 2019 – December 2020

<i>Occupation or Held Position</i>	Graduate Research Assistant
<i>Main Activities and Responsibilities</i>	Responsible for creating a Python cycle-based simulator, which targets distributed storage systems. In parallel, I remained responsible for studying the applicability of Probabilistic Swarm Guidance algorithms, using Markov chains, as a foundation for better file durability in P2P-based distributed storage services.
<i>Employing Organization Name</i>	Institute for Systems and Robotics (ISR-Lisboa)
<i>Recommendation Contacts</i>	Daniel Silvestre (Lead Researcher) – danielmsilvestre@gmail.com
<i>Type of Business or Sector</i>	Scientific Research and Development Institute

Dates June 2018 – August 2018

<i>Occupation or Held Position</i>	Software Engineer – Summer Intern
<i>Main Activities and Responsibilities</i>	Built a RESTful API responsible for providing data to a React-based dashboard. The intention was to provide meaningful information to an administrator on their teams' performance and customers' satisfaction in real-time. The project leveraged multiple Google Cloud Services to analyze voice-call transcripts flagging inappropriate behavior and sentiment of involved entities. The final

Employing Organization Name

demo was deployed on Heroku. This demo was eventually adopted as an internal project and is to this day part of the software ecosystem. See advertised product page: [here](#).

Recommendation Contacts

Talkdesk (Lisbon Office)

Daniela Barros (People Team) – daniela.barros@talkdesk.com

Type of Business or Sector

Software and IT – Contact Center as a Service

Dates

March 2013 – January 2015

Occupation or Held Position

Deputy Chief of Operations

Main Activities and Responsibilities

As deputy chief of operations in H3, I was responsible for leading the staff during the workday, helping in product preparation to be served during business hours, and customer service plus satisfaction. I responded directly to the principal restaurant manager in achieving the coveted goals through cost control, inventory, provisioning and restocking, and efficient work schedule elaboration. During my stay, I was the youngest deputy chief of operations of the company at the time.

Employing Organization Name

H3 – New Hamburgology (café3)

Recommendation Contacts

Graciete Alves – graciete.alves@h3.com

Type of Business or Sector

Food & Beverage, Restaurants and Hospitality

ACADEMIC HISTORY

Dates

September 2018 – January 2021

Sought Qualification

M.Sc. in Computer Science and Engineering

Main Subjects

Forensics Cyber-Security, Software Security, Network and Computer Security, Information Systems Management, Design and Implementation of Distributed Applications, Cloud Computing and Virtualization, Mobile and Ubiquitous Computing, Highly Dependable Systems

Name and Type of Organization

IST – Instituto Superior Técnico (university)

Obtained Grade

17/20

Dissertation Grade

19/20

Dates

September 2015 – September 2018

Awarded Qualification

B.Sc. in Computer Science and Engineering

Main Subjects

Software Engineering, Analysis, and Synthesis of Algorithms, Programming, Operating Systems, Computer Architecture, Differential Calculus, Algebra, among others.

Name and Type of Organization

IST – Instituto Superior Técnico (university)

Obtained Grade

16/20

Dates

September 2009 – September 2012

Awarded Qualification

B.Sc. in Food Production in Catering

Main Subjects

HR and F&B Management, Marketing, Accounting, Health and Safety, Microbiology

Name and Type of Organization

ESHTe – Escola Superior de Hotelaria e Turismo do Estoril (polytechnic)

Obtained Grade

14/20

PERSONAL SKILLS

Social and Professional Skills

Flexible professional, with a friendly and inclusive attitude.

Good at conflict resolution and constructive collaboration.

A true critical thinker at heart.

<i>Technical Skills</i>	<p>Experienced with the following programming languages and frameworks:</p> <ul style="list-style-type: none"> • Python 3 (Django, currently studying FastAPI) • Ruby (Grape and Ruby on Rails) • Java and Kotlin (SpringBoot) • C# (.NET and Unity) • JavaScript and TypeScript • HTML5, CSS, JavaScript and, TypeScript <ul style="list-style-type: none"> ◦ jQuery, React.js, Vue.js and, Nuxt.js • Postgre and Mongo <p>Academic knowledge in:</p> <ul style="list-style-type: none"> • C and C++ (Unreal Engine 4) <p>Played with:</p> <ul style="list-style-type: none"> • PHP • Go <p>Experienced with tooling:</p> <ul style="list-style-type: none"> • Docker and Docker-Compose • Git, Github, and Gitlab <ul style="list-style-type: none"> ◦ Gitlab CI/CD • Jira and Confluence • Gradle, Maven, NPM plus variants, Poetry, Webpack, and Vite • IntelliJ IDEs and Visual Studio Code <p>Agile methodologies:</p> <ul style="list-style-type: none"> • Scrum, Kanban <p>Operating Systems:</p> <ul style="list-style-type: none"> • Windows • macOS • Kali and Ubuntu
<i>Artistic Skills</i>	Photography (www.instagram.com/clay.memoirs) and image editing.
<i>Languages</i>	Fluent in Portuguese and English (no-certificate) written and spoken.