

# CURRICULUM VITAE



## PERSONAL INFORMATION

Full Name	Francisco Teixeira de Barros
Mobile	+351 913 309 132
Email	francisco.teixeira.de.barros@outlook.com
Website	<a href="https://franciscokloganb.github.io/">https://franciscokloganb.github.io/</a>
LinkedIn	<a href="https://www.linkedin.com/in/francisco-barros-232631161/">https://www.linkedin.com/in/francisco-barros-232631161/</a>
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
<i>Main Activities and Responsibilities</i>	Developing various backend and frontend solutions, enabling entities external to Talkdesk to create public or private plugins that integrate with the service provided by the Company, thus increasing the product viability.
<i>Employing Organization Name</i>	Talkdesk (Porto office)
<i>Recommendation Contacts</i>	Daniela Pinto (Talent Management) – <a href="mailto:daniela.pinto@talkdesk.com">daniela.pinto@talkdesk.com</a>
<i>Type of Business or Sector</i>	Information Technology Company

### Dates June 2019 – December 2020

<i>Occupation or Held Position</i>	Graduate Research Assistant
<i>Main Activities and Responsibilities</i>	Responsible for creating a custom Python cycle-based simulator, which targets distributed storage systems. In parallel, I remain 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) – <a href="mailto:danielmsilvestre@gmail.com">danielmsilvestre@gmail.com</a>
<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>	Develop a backend server capable of processing data to help in the allocation of human resources, evaluate their performances as well as understanding customers satisfaction and their attitudes, by providing meaningful information, in real-time, through a REST API. Also responsible for administrating the respective database and Google Cloud services.
<i>Employing Organization Name</i>	Talkdesk (Lisbon Office)
<i>Recommendation Contacts</i>	Daniela Barros (People Team) – <a href="mailto:daniela.barros@talkdesk.com">daniela.barros@talkdesk.com</a>
<i>Type of Business or Sector</i>	Information Technology Company

<b>Dates</b>	<b>March 2013 – January 2015</b>
<i>Occupation or Held Position</i>	Deputy Chief of Operations
<i>Main Activities and Responsibilities</i>	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 the company at the time.
<i>Employing Organization Name</i>	H3 – New Hamburgology (café3)
<i>Recommendation Contacts</i>	Graciete Alves – graciete.alves@h3.com
<i>Type of Business or Sector</i>	Food & Beverage, Restaurants and Hospitality

## ACADEMIC HISTORY

<b>Dates</b>	<b>September 2018 – Present</b>
<i>Sought Qualification</i>	M.Sc. in Computer Science and Engineering
<i>Main Subjects</i>	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
<i>Name and Type of Organization</i>	IST – Instituto Superior Técnico (university)
<i>Obtained Grade</i>	17/20
<i>Dissertation Grade</i>	19/20
<b>Dates</b>	<b>September 2015 – September 2018</b>
<i>Awarded Qualification</i>	B.Sc. in Computer Science and Engineering
<i>Main Subjects</i>	Software Engineering, Analysis and Synthesis of Algorithms, Programming, Operating Systems, Computer Architecture, Differential Calculus, Algebra, among others.
<i>Name and Type of Organization</i>	IST – Instituto Superior Técnico (university)
<i>Obtained Grade</i>	16/20
<b>Dates</b>	<b>September 2009 – September 2012</b>
<i>Awarded Qualification</i>	B.Sc. in Food Production in Catering
<i>Main Subjects</i>	HR and F&B Management, Marketing, Accounting, Health and Safety, Microbiology
<i>Name and Type of Organization</i>	ESHTE – Escola Superior de Hotelaria e Turismo do Estoril (polytechnic)
<i>Obtained Grade</i>	14/20

## PERSONAL SKILLS

<i>Social and Professional Skills</i>	Flexible professional, with a friendly and inclusive attitude. Good at conflict resolution and constructive collaboration. Critical thinker.
---------------------------------------	--

<i>Technical Skills</i>	<p>Experienced with the following programming languages and frameworks:</p> <ul style="list-style-type: none"> <li>• Ruby (Grape and Ruby on Rails)</li> <li>• Java 8, Java 11 and Kotlin (SpringBoot and SpringBoot MVC)</li> <li>• C# (.NET, Windows Universal Platform and, Unity)</li> <li>• Python 3 (FastAPI, Flask and Django)</li> <li>• HTML5, React</li> <li>• JavaScript, TypeScript, and jQuery</li> <li>• CSS (Bootstrap and Bulma; <a href="https://franciscokloganb.github.io/">https://franciscokloganb.github.io/</a>)</li> <li>• PostgreSQL, MongoDB</li> </ul> <p>Academic knowledge in:</p> <ul style="list-style-type: none"> <li>• C and C++ (Unreal Engine 4)</li> <li>• PHP</li> </ul> <p>Familiar with tools such as:</p> <ul style="list-style-type: none"> <li>• Linux and Windows Command Line</li> <li>• Git, Github, and Gitlab</li> <li>• Jira and Confluence</li> <li>• Gradle, Maven, NPM, Poetry and, Webpack</li> <li>• IntelliJ IDEs, Visual Studio Code</li> </ul> <p>Agile methodologies:</p> <ul style="list-style-type: none"> <li>• Scrum, Kanban</li> </ul> <p>Operating Systems:</p> <ul style="list-style-type: none"> <li>• Windows</li> <li>• MacOS</li> <li>• Kali and Ubuntu</li> </ul>
<i>Artistic Skills</i>	Photography ( <a href="http://www.claymemoirs.com">www.claymemoirs.com</a> , <a href="https://www.instagram.com/clay.memoirs">www.instagram.com/clay.memoirs</a> ) and image editing.
<i>Languages</i>	Fluent in Portuguese and English (no-certificate) written and spoken.