

# Carlos Menezes

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## Education

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<b>University of Madeira</b>	Madeira, Portugal	09/2020 - 06/2023
◦ B.S. in Computer Engineering		
<b>University of Madeira</b>	Madeira, Portugal	09/2018 - 06/2020
◦ A. D. in Computer and Networking Systems		

## Experience

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<b>Software Engineer</b>	Fourt.io (Yacooba Labs)	01/2024 - Present
◦ Built a proof of concept for a Web3 wallet which uses Account Abstraction		
◦ Building the backend system for the fourt.io product using Express, TypeScript, Postgres and TypeORM		
◦ Building internal and client-facing APIs which follow best practises for REST API design		
◦ Implementing a domain-driven, highly decoupled system.		
<b>Software Engineer</b>	Yacooba Labs	07/2022 - Present
◦ Worked on implementing the promotional codes functionality for the booking process on Yacooba.com, both on the backend and frontend		
◦ Worked on the many user-facing applications such as the agship app (at Yacooba.com), the Backoces (for event producers and sta members) as well as the Scanner for event producers		
◦ Working with TypeScript, React, Postgres and Knex on a daily-basis		
<b>Software Engineer Intern</b>	Altice Labs	03/2020 - 06/2020
◦ Gained experience with Asterisk and the PJSIP SIP stack		
◦ Developed an application leveraging Asterisk's REST Interface that provided call control, audio playback and audio recording, assessing the feasibility of upgrading to the latest version of Asterisk		
◦ Used sngrep and SIPp in order to: analyze and understand the characteristics of the SIP protocol; analyze and understand the SDP protocol to better understand media stream negotiation between peers		
◦ Worked mostly with C++ and sngrep's scripting language		

## Certifications

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◦ <b>EE Playermaker</b>	The Football Association (UK)	08/2024
◦ <b>Microservices: Design Patterns</b>	LinkedIn	03/2024
◦ <b>Apache Kafka Training Essentials</b>	LinkedIn	03/2024

## Skills

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- **Programming Languages:** TypeScript, JavaScript, Rust, C#, C++, Python, SQL
- **Frameworks:** TypeORM, Next, React, Knex, GraphQL, Nest, Diesel, CLAP, Objection, Express
- **Tools:** Git, Docker, Kubernetes, WireShark
- **Languages:** Portuguese (native), English (proficient)