

# Lucas Barros

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## ABSTRACT

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Graduating in Computer Engineering (9th term), participating in various activities in the academic environment and events in the IT area. He likes challenges, knows how to work as a team and is predisposed to lead.

Knowledge and abilities:

- RAD Tools: Android Studio, Eclipse, Netbeans, Visual Studio Code and IntelliJ IDEA
- Operational Systems: Linux, Windows, Android and iOS
- Programming Languages: Java, C, C++, Javascript, Swift, Python and Dart
- Database: SQL Server, PostgreSQL, MongoDB, SQLite
- Platforms: Android, iOS, Arduino and WEB
- Teaching tools: Scratch JR, Scratch, Construct 2D, MIT App Inventor and SAM LABS
- Others: Flutter Developer

## ACADEMIC FORMATION

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- Bachelor in Computer Engineer. UFPB, completion scheduled for 2024.
- Computer Technician. IFAL, completed in 2017

## PROFESSIONAL EXPERIENCE

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- **2014-2015 – Research Project - Modeling a Support Tool for Teaching Introduction to Algorithms and Programming**

Post: Scholarship holder.

Main tasks: Creation and documentation of the modeling of a robot (Arduino) and mobile application (Android) aimed at teaching programming, in addition to writing articles focused on the area.

- **2015-2016 – Research Project – Development of a Computational Tool to Support the Teaching of Algorithms and Computer Programming**

Post: Scholarship holder.

Main tasks: Prototype development of a robot and mobile application for robot control aimed at teaching programming, in addition to writing articles focused on the area.

- **2016 – 2017 – Research Project – Programming and Robotics as a tool for text interpretation and problem solving**  
Post: Voluntary.  
Main tasks: Teaching programming and robotics concepts to elementary and high school students in public schools in the region.
- **2019 – Research Project – Development of an IoT platform for programming beginners**  
Post: Scholarship holder.  
Main tasks: Development of an easy-to-use library for programming beginners to use IoT.
- **2018 – 2019 – Internship at BWN Consulting Company**  
Post: Developer.  
Main tasks: Development of mobile applications for Android and IOs and maintenance of an API in Java.
- **2019 – 2020 – Internship at Happy Code School**  
Post: Teacher and teacher assistant  
Main tasks: Assist in teaching programming and robotics learning tools to children, with Construct 2D, Scratch, Scratch JR and IoT.
- **2020 – 2020 – Freelancer developer at Influu**  
Post: Flutter Developer  
Main tasks: I was doing requested tasks and demand. Was a Freelancer contract, fast but very satisfactory and bring me so much knowledge and experience with good habits to Flutter.
- **2019 – 2020 – Teach Leader at Rapidinho**  
Post: Mobile Tech Leader  
Main tasks: I was Tech Leader at Rapidinho startup, implementing and promoting improvements to product: a mobility application, integrated with Google Maps and an online payment tool to ensure the best experience for users. The mobile application was developed in Flutter language with a team led by me.
- **2021 – Now – Software Enginner at Phoebus Tecnologia**  
Post: Software Enginner  
Main tasks: Develop new features to improve the payment method in all the world, through the payment's terminal or the cell phone. Furthermore, I do suggestions, identify bug and apply corrections to fix code problems or in your business rules.

## QUALIFICATIONS AND COMPLEMENTARY ACTIVITIES

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- Portuguese - Native
- English – Intermediary
- Spanish - Basic
- Judge in Brazilian Robotics Olympics (in 2018)
- Judge in Youth Robotics Tournament (in 2018)

## ADDITIONAL INFORMATION

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- Involved in a personal project using Android and Java in the creation of a mobile and desktop application for a city hall between 2017 and 2018.
- Involved in a recent personal project using Flutter in the creation of a social network to bodybuilders, people which like that go to the gym. The application is online on the [Play Store](#) with more than 100 downloads.
- Curriculum Lattes: <http://lattes.cnpq.br/1654467546676878>
- GitHub: <https://github.com/BarrosLucas/>
- LinkedIn: <https://www.linkedin.com/in/lucas-b-0ab876105/>