

Lucas Barros de Almeida Machado

lbam@cin.ufpe.br

+55 81 99290-4463

github.com/lucasbarross

EDUCATION

Federal University of Pernambuco
Bachelor of Science in Computer Science

Graduating in June 2021
GPA 3.55/4.00

Teacher Assistant

July 2017 - Present

- Provided additional lectures to over 50 students each semester about several topics of programming, such as arrays, loops, conditionals, recursion, and others.
- Created several problems involving these subjects for the students to solve.

WORK EXPERIENCE

E.life

Recife, PE, Brazil

Developer Intern

January 2018 - Present

- Developed and maintained commercial chatbots for international companies, primarily using Node.js and MongoDB.
- Demonstrated successful interoperability with a custom natural language processor and DialogFlow.
- Collaborated remotely with a team which had people from a lot of different countries.

MAJOR PROJECTS

WIC?

Jan 2017 - July 2017

A minigame chatbot for Discord application.

- Designed and developed both client and server, at first only with Java but after with Node.js and Ruby respectively.
- The backend was implemented as a RESTful API based on Ruby on Rails and PostgreSQL.
- Designed and developed a website for disclosure, which backend is based on PHP.
- Reaches over 70,000 unique users.

GFIP

Mar 2018 - May 2018

A webapp that makes it easy to post grades and send code review feedbacks to Programming Introduction students at Federal University of Pernambuco.

- Led and mentored a team of three other students by providing private lessons and consulting about the technologies used in the project.
- Designed frontend and implemented using React framework.
- Designed backend and assisted development using Node.js and MongoDB.

Colortiles

July 2017 - Set 2017

A 2D arcade game for Android.

- Developed the game with Unity engine using C#.
- Designed and implemented aiming a good UI and user experience.

SKILLS

PROGRAMMING LANGUAGES (time effectively using)

1.5 years: JavaScript, Unity C#
1 year: Java
6 months: Ruby, C++, PHP
3 months: Lua, Python

TECHNOLOGIES

HTML, CSS, JQuery, React.js, Node.js, Typescript, Socket.io, Express, SQL, MongoDB (NoSQL), Git, Amazon Web Services (AWS), Heroku, Unity

ONLINE COURSES

Web Development Course (Udemy, 2017)

LANGUAGES

English - Advanced