MIT BRAZIL

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Class of 2023, Course #: 6-14
Supervisor: Prof. Dr. Jaime Hideo Izuka

Teaching Scientific and Technological Literacy

This project revolves around creating, revising, and improving the educational materials for teachers on various computer science and electrical engineering topics, such as Arduino, Tinkercad, and important coding concepts.

Results

The result of the project was newly developed materials for around 8 classes with both applications and theory presented via examples and explanations on specific topics like algorithms, conditionals, relational expressions, algorithmic flowcharts, and electronic circuit assembly. These materials are complemented by video tutorials, presentations, and PDFs on a centralized website: https://techcourse.vercel.app/

53 Pages of Content 5 Presentations 5 Videos 1 Website

On the Record:

I was amazed by how fun and not stressful the experience was! It was almost like a heavily glorified study break from the general good chaos of MIT. The Brazilian culture and their peoples' outgoing friendly style shined throughout the program, which showcased that the work I was doing is certainly something I would consider pertinent to my professional, academic, and career goals.
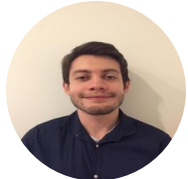
Ashar Farooq,
MIT Student, CS, Econ & DS

Prof. Jaime Hideo Izuka,
UNICAMP PI

Jean Pereira,
UNICAMP Student, ManufE

Vitor Soares,
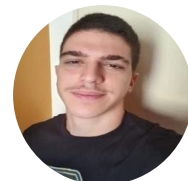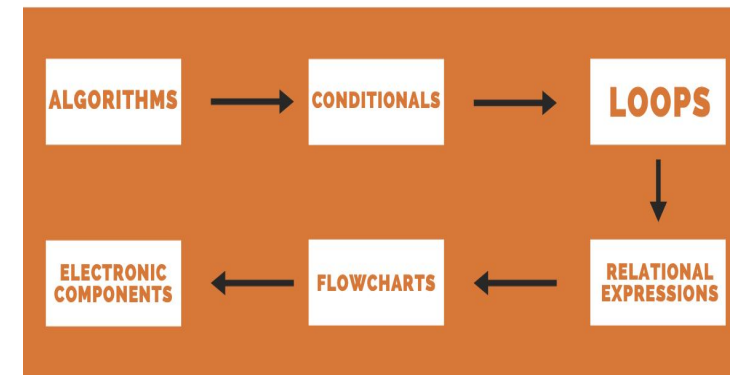UNICAMP Student, ManufE

Leonardo Bortolucci,
UNICAMP Student, ManufE

Marcelo Paiva,
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Gabriel Asevedo,
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COURSE

Computer Science, Arduino, Programming,Circuits and More!

ALGORITHMS → CONDITIONALS → LOOPS

ELECTRONIC COMPONENTS ← FLOWCHARTS ← RELATIONAL EXPRESSIONS

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