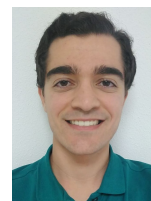# Lucas Ferreira

Computer Engineer

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Education

2015 - 2020	**Computer Engineering**, *Universidade Federal de Goiás (UFG)*, Goiânia, Brazil.
2018 - 2019	**Information Technology for Health (Biomedical Engineering)**, *Télécom Physique Strasbourg*, Illkirch-Graffenstaden, France.

Professional Experience

06/2019 - 08/2019	**Development Internship**, VAZEE, Strasbourg. Developed a system to detect a receipt in a photo, applied OCR in the receipt to classify information and translated the image to a mobile app.
09/2018 - 05/2019	**Research and Development**, MERCK, Strasbourg. Research on collaborative robots (cobots), developed a detection system that allows a cobot to work together with a microbiologist without harming each other.
01/2016 - 12/2016	**IT Director**, POLYTECHNIC ASSOCIATION OF UFG, Goiânia. Leader of the IT team, developed a website, managed a sales platform, organized events and conferences for the academic community.
11/2015 - 04/2017	**Research and Development**, CELG/ENEL - ENERGY COMPANY, Goiânia. Researched about solar panels and smart grids, developed a project with Arduino and PCB to inform the energy consume.

Languages

Portuguese	Mother Tongue
English	Fluent (C1)
French	Intermediary (B2)

Technical Skills

Informatics	C, C++, Java, Python, OpenCV, Javascript, Node.JS, HTML, CSS, PHP, MatLab Github, LaTeX
Electronic	Arduino, Raspberry, Altera FPGA
Simulation	COMSOL, SolidWorks, Altair HyperWorks

Achievements

2017 - 2018	**Cargill Global Scholars Program**, São Paulo (Brazil), Minneapolis (USA). Leadership program that awards students of Brazil, China, India, Indonesia, Russia and USA with leaderships seminars and a scholarship.