

# Lucas Tucker

*Curriculum Vitae*

## PERSONAL DETAILS

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<i>GitHub</i>	<a href="https://github.com/TuckerLucas">https://github.com/TuckerLucas</a>

## WORK EXPERIENCE

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**C++ software developer** April 2023 - Present  
*Bosch, Braga, Full-time*

Member of the CycurSoc project, an embedded cybersecurity software solution for contemporary and future SoC-based automotive ECUs.

**Junior Embedded Systems Engineer** Feb. 2022 - Feb. 2023  
*Embedded Systems Solutions, Esposende, Full-time*

Simulator development for refrigeration controller testing. Involved C++ software coding and interaction between a Raspberry Pi computer and Pico microcontrollers.

**Electrical Engineer Intern** Mar. - Sept. 2021  
*Synopsys Inc., Maia, Full-time - Project grade: 80%*

Development of a software regression infrastructure for RTL verification using mainly Python scripting and regular expressions.

**Electrical Engineer Intern** Feb. - Sept. 2019  
*CEiiA, Matosinhos, Part-time - Project grade: 85%*

Design of a beyond line of sight communications solution for UAVs based on cellular communication. Developed solution's communication was successfully tested aboard a UAV at a distance of 40km from the earth station.

## EDUCATION

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**MSc. Electrical and Computer Engineering: Telecommunications** 2019-2021  
*Higher Institute of Engineering of Porto (ISEP) - Overall grade: 80%*

**BSc. Electrical and Computer Engineering** 2016-2019  
*Higher Institute of Engineering of Porto (ISEP) - Overall grade: 75%*

## SKILLS

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<i>Programming languages</i>	C++, C, Java, Python
<i>Software</i>	Bitbucket, Confluence, Git, Jenkins, JIRA, Latex, VS Code
<i>Hardware</i>	Electrical components, Microcontrollers, Laboratory equipment
<i>Languages</i>	English (mother tongue) Portuguese (mother tongue)