

# RICARDO SANTOS DIAS

## SOFTWARE ENGINEERING UNDEGRADUATE

Phone: +55 (21) 98608-7444  
Email: [ricosantosdias@gmail.com](mailto:ricosantosdias@gmail.com)  
Campinas, SP  
Brazil

### RESUME

Fifth semester Software Engineering student at University of Campinas (Unicamp), with solid knowledge in Python, C, C++, Java, HTML, CSS and Javascript

### SKILLS

- Experience in Python, C, C++, Java, CSS, HTML and Javascript
- Data Structures and Object Oriented Programming expertise
- Radio Defined Softwares
- Configuration files/languages (yaml, .conf, xml) knowledge
- Linux/Ubuntu basics
- Web Development basics
- Data Base basics
- Versioning Control and continuous integration softwares knowledge (git, github, gerrit)
- Agile frameworks (Scrum/Kanban) knowledge

### LANGUAGES

- **Portuguese:** Native
- **English:** Fluent (C1 FCE Cambridge Certificate)
- **Spanish:** Intermediate (B2 DELE Certificate)
- **French:** Elementary

### LINKS

#### Linkedin:

- [www.linkedin.com/in/sdiasricardo/](https://www.linkedin.com/in/sdiasricardo/)

#### Github:

- [github.com/sdiasricardo](https://github.com/sdiasricardo)

#### Email:

- [ricosantosdias@gmail.com](mailto:ricosantosdias@gmail.com)

### EXPERIENCES

#### Summer Software Engineer Intern | Dec 2022 - March 2023 Motorola Solutions/Eldorado Institute

- Worked assisting the Motorola Devices Modem Team
- Radio Defined Software build from scratch, using C, Yaml, Python and open-source softwares (OpenAirInterface and Open5GS)
- On-demand bug fixes on Motorola devices with new Android Versions, mainly done in C
- Weekly meetings with Motorola Brazil Modem Team CTO
- Daily Meetings with other team members
- Modem tests with the developed RDS
- Versioning Control done with GIT/gerrit

#### Production Manager | March 2019 - Nov 2019 Ecozip ME

Business and enterprise environment emulation project, developed and assisted by the french NGO Junior Achievement S.A. in high school institutions, with a real organization structure and processes.

As a production manager, my key responsibilities and tasks were:

- Assembly team management
- Weekly meetings with other section managers
- Production constraints analysis and resolutions
- Crisis management

2nd best production team and best overall awards.

### ACADEMIC BACKGROUND

#### Computing Engineering Bachelors

University Campinas (Unicamp)

- 3rd year
- Expected graduation: 5/2025
- Data Structures
- Object Oriented Programming

#### Elementary and High School

Gaylussac Institute

- National and International exams participation (OBM, OBF and Kangaroo)
- Award winning participation at Junior Achievement S.A. Young Enterprise project