



# Pedro Miguel Florêncio Dias

## Curriculum Vitae

- Lisbon, Portugal
- Male, 23 years old
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## Technical Skills —

### Programming:

- C/C++
- Python
- Go
- Java
- SQL
- Typescript, HTML & CSS

### Other Technologies:

- Git & CVS
- React & Angular
- Linux, Bash & Vim
- Tensorflow, Keras & Scikit Learn

## Interests —

- Programming
- Full Stack Development
- Machine Learning

## Languages —

- Portuguese (Native Language)
- English (Proficient)
- German (Beginner)
- Spanish (Intermediate)

## Experience

- Jun, 2021 – **Software Developer Trainee** Remote  
Jun, 2022 **Atos**
- Training Project: Development of a full-stack application using microservices architecture.  
Technologies: Java Spring Boot, Maven, Angular, SQL and Docker.
  - Development of adaptations for core telecommunication systems. Migration of legacy monolithic applications to orchestrated container services.  
Technologies: C, Python, Bash, Linux, Git, CVS, Docker, Kubernetes, Helm and Google Cloud.

## Education

- 2019 – **MSc. of Electrical and Computer Engineering**  
2022 **Instituto Superior Técnico, Lisbon, Portugal**
- Major in Control, Robotics and Artificial Intelligence. Minor in Computer Systems.
  - Master's thesis entitled "Unsupervised Ship Detection in SAR Images using Generative Adversarial Networks".
  - Final Master's Degree average 16.28 / 20.
- Aug, 2019– **Erasmus Exchange Programme**  
Jan, 2020 **Technische Universiteit Delft, Delft, Netherlands**
- Studied one semester in Mechanical Engineering and Electrical Engineering faculties.
- 2016 – **Bsc. of Electrical and Computer Engineering**  
2019 **Instituto Superior Técnico, Lisbon, Portugal**
- Final Bachelor's Degree average 16.05 / 20 .

## Certifications

- 2021 **Microsoft Azure Fundamentals**  
**Microsoft**
- 2021 **German Certificate - Level A2** Lisbon, Portugal  
**Languagecraft, Línguas, Artes e Cultura**
- 2016-2019 **Academic Merit - Level B (3 years)** Lisbon, Portugal  
**Instituto Superior Técnico**

## Extra-Curricular Activities

- April, 2021 **Refood Volunteering** Lisbon, Portugal  
– Present **Refood S. Sebastião**
- Volunteer in Refood, an institution that eliminates food waste through food collection initiatives and feeds people in need.
- 2005 – **Basketball** Olhão, Portugal  
2021 **Ginásio Clube Olhanense**
- Federated basketball player since 6 years old.