

# WESLEY BATISTA

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## EDUCATION

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**University:** Federal University of Pelotas (UFPel) - Computer Engineering  
**Period:** 2025 - 2030 (estimated)

## EXPERIENCE

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**Period:** Jan 2000 — Dec 2000  
**Employer:** Company, Country  
**Job Title:** Software Engineer  
**Technology:** Languages, Tech Stack  
**Description:**

## PROJECTS

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**Project:** Machine Learning Projects  
**Link:** [https://github.com/thorgalwes/machine\\_learning\\_projects](https://github.com/thorgalwes/machine_learning_projects)  
**Description:** Regression task, from the book "Hands on Machine Learning", to predict the median house price values of thousands of districts from the state of California, USA 1990.  
Regression task to predict the protein values of thousands of food items acquired from the U.S Department of Agriculture.

**Project:** Path Tracer  
**Link:** [https://github.com/thorgalwes/path\\_tracer\\_vulkan](https://github.com/thorgalwes/path_tracer_vulkan)  
**Description:** A small implementation of a path tracer from the project VK Mini Path Tracer of NVIDIA's public repository, using C++, GLSL, Vulkan and NVIDIA's graphics helper libraries.

## SKILLS

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**Area of Interest:** Machine Learning, Computer Graphics  
**Technology:** python, C++, matplotlib, numpy, pandas, scipy, scikit-learn, joblib; Git, GLSL, CMAKE, Visual Studio

## LANGUAGES

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Portuguese (Native), English (Proficient).