

DANIEL CAMPOS MARTINS

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PROFESSIONAL SUMMARY

Dedicated Researcher and Full-Stack Developer with experience in R&D partnerships. My work focuses on infrastructure, Edge/Cloud Computing, and the practical implementation of Machine Learning models. I am committed to evolving as a software engineer by creating robust web platforms and intelligent, data-driven systems.

EDUCATION & CERTIFICATIONS

B.S. in Computer Science | PUCRS – 7th Semester Expected Graduation: December 2026

Specialized Technical Courses (Alura):

Object-Oriented Programming in Java and Python, C Language Fundamentals.

PROFESSIONAL COMPETENCIES AND SKILLS

HARD SKILLS

- **Languages:**
 - Python: Intermediate (Machine Learning & Django)
 - Java: Intermediate/Advanced (Spring Boot)
 - TypeScript/JavaScript: Intermediate (React & Frontend focus)
 - C: Basic
- **Frameworks & Libraries:**
 - **Spring Boot:** Intermediate/Advanced
 - **Django:** Intermediate
 - **React:** Intermediate
 - **Tailwind CSS & Sass:** Basic
- **Infrastructure & Databases:**
 - Docker: Intermediate (Containerization & Deployment)
 - PostgreSQL: Intermediate (Query Optimization & Schema Design)
 - Cloud & Edge Computing: Basic (AWS services)

SOFT SKILLS

- **Analytical Thinking:** Refined skills in data analysis and technical research developed through R&D projects.
- **Collaborative Research:** Experienced in working within multidisciplinary teams and research laboratories, such as PET and GRIN.
- **Continuous Learning:** Firm commitment to staying updated with the latest trends in Cloud, AI, and emerging technologies.

- **Interpersonal Communication:** Strong technical articulation and ability to maintain positive professional relationships.

EXPERIENCE

R&D Software Engineering Intern Dell Technologies / PUCRS Partnership

April 2025 – Present

- Engaged in Research & Development initiatives focused on system efficiency and advanced computing solutions.
- Developing and maintaining software applications using Python and Django for data integration and processing.
- Contributing to the implementation and evaluation of Machine Learning models within R&D workflows.
- Supporting infrastructure projects with a focus on resource optimization and software performance.

Undergraduate Researcher GRIN (Research Group on Networks, Infrastructure, and Cloud Computing)

April 2025 – Present

- Conducting technical research on Cloud and Edge Computing architectures and infrastructure performance.
- Developing and managing containerized environments using Docker to support scalable system simulations.
- Implementing scripts and tools for network analysis and resource monitoring within Linux environments.

Undergraduate Researcher & Member PET - Informática (Program of Tutorial Education)

September 2024 – April 2025

- Participating in collaborative software development projects and internal technical activities within the program.
- Engaging in scientific research initiatives in partnership with specialized laboratories.
- Developing teamwork and research skills through multidisciplinary projects and academic outreach.