



Star

<> Code

- Revisions 39

Resume Marllos

resume.md

MARLLOS PAIVA PRADO

marllosprado@gmail.com[LinkedIn](#) | [Personal WebPage](#) | [Github](#) | [Figma](#)[View Online](#)

About

I am an immigrant *Caregiver* living in the US since 2018 and trying to find my way back to *Tech Industry*. I truly believe that human-centered tech innovations can greatly empower our lives. It enables us to solve our daily problems and evolve as a society. I have a passion for User Experience (UX), problem-solving, teamwork, sharing what I learn, and relearning what I teach. Besides designing and coding, I love gardening, cooking, and enjoying time with my family.

Experience

Computer Science Teacher

Federal Institute of Goias | Brazil | Apr 2012 - Dec 2018

- Taught Human-Computer Interaction course in the Information Systems Program (B.S.) and Control and Automation Engineering to 76 students during 2012, 2017, and 2018.

- Proposed, coordinated, and taught a university extension project ([Project APB](#)) to teach algorithms and programming for teenagers through STEAM activities. The activities mixed cardboard games, handicrafts, and team challenges with classic computer programming. The program dedicated half of the places to girls and the LGBTQIA+ public in an effort to encourage their enrollment and engagement. The project was awarded funds to finance scholarships for two interns that helped me in the activities execution.
- Taught Algorithms and Programming Techniques course to a total of 385 students, in the years of 2012, 2013, 2017, and 2018 in the following bachelor degree programs: Automation Control Engineering; Civil Engineering; Information Systems; Cartographic and Surveying Engineering.
- Taught Data Structure course to 33 students in the year of 2018 in the Automation Control Engineering program.
- Attended board meetings of undergraduate programs and youth and adult education programs. Provided feedback on students' performance and discussed approaches to improve the pedagogical methods inside the classes.
- Interviewed and helped in the selective process of students for the youth and adult education program.

Software Developer

Brazilian Agricultural Research Corporation | Brazil | May 2011 - Apr 2012

- Developed an in-house system for the annual assessment of the employees' skills ([SiAC](#)). It was my first project in the corporation and I was the only employee assigned to develop it. The project required a great amount of responsibility because the assessment would be made between teammates. Moreover, the assessment results would impact their salaries in the follow-up year.
- My responsibilities included: project management, analysis, system design, UI design, implementation, and documentation of the system.
- I presented the first complete version of the system after ten months of work. Previous to my hiring, the assessment between the employees was paper-based and required the staff to spend a lot of manual work.
- The Human Resource team cheered the first version of the system because it considerably reduced their fatigue in planning, conducting, and analyzing the assessments. Moreover, the staff expressed that the automation increased their reliability in the results.

Computer Science Substitute Teacher

Institute of Informatics - Federal University of Goias | Brazil | Sep 2009 - May 2011

- Taught "Algorithms and Programming Techniques" course to the following bachelor degree programs: Civil Engineering and Chemistry Engineering;
- Taught "Introduction to Computing" course to the following bachelor degree programs: Software Engineering and Agronomic Engineering;
- Taught "Algorithms: Sorting and Searching" course to the following bachelor degree program: Software Engineering;
- Taught "Introduction to Computing" course to the following bachelor degree programs: Computer Science and Agronomic Engineering;
- Attended board meetings of undergraduate programs. Provided feedback on students' performance and discussed approaches to improve the pedagogical methods inside the classes.

Multimedia Content Developer

Avila School | Brazil | Mar 2000 - Mar 2001

- Development of [multimedia content](#) for high school classes. The classes were designed alongside the teachers and presented in projectors inside the classrooms.

Education

Institute of Informatics - Federal University of Goias

Phd | Brazil | Mar 2013 - Mar 2018

Relevant info: Identified and characterized a research problem regarding the lack of user research for testing tools. Planned, conducted, and analyzed a qualitative study of practitioners to further understand the problem in the unit testing domain. The project's results and contributions include a framework and research agenda. They serve as actionable instruments for the testing community to incorporate practical improvements in cognitive support provided by current and future testing tools.

Project title: [Contributions to Cognitive Support in Software Unit Testing: A Framework of Tasks and a Research Agenda](#)

Institute of Mathematics and Computer Science - University of Sao Paulo

Master in Computer Science | Brazil | May 2007 - May 2009

Relevant info: Teaching internship experience in the entrepreneurship course for undergraduates in Informatics | 2007

Project title: [A Characterization and Evaluation Study of Structural Testing Criteria Between Procedural and OO testing](#)

Institute of Informatics - Federal University of Goias

Bachelor in Computer Science | Brazil | May 2003 - May 2006

Project title: Coverage of Program-Based Structural Test Criteria by Use-Case Derived Test Sets.

Certifications

- [IELTS GT Overall Band Score 7.0](#) TRF number: 20BR000181PAIM159G
- [CompTIA Project+ Certified](#) Verify at: <http://verify.CompTIA.org> (code 63P1B7VP5CFQ1HS1)
- [Adobe Generation Pro: UX2UI](#)

Recent Courses

- [Reskill Americans](#): Learned and applied practical concepts about User Research, Design Thinking, Visual Design, and TeamWork.
- [Interaction Design Foundation](#): Learned aspects of user-centered design, interaction design, navigation design, emotional factors in UX and UX evaluation with professor Alan Dix.