Resume - C.D.N. (Diego) Damasceno

 damascenodiego.github.io   /damascenodiego

Summary

Creative software engineer with exceptional testing skills, and over a decade of experience in software research and development. Collaborated with experts in AI, optimization, software architecture, and education. Experienced with software modeling, testing, and variability.

Main Professional Experiences

06/2023–Current	**ASML, Veldhoven, NL** Position: Software Engineer - Model-Based Testing Methodologies
12/2020–05/2023	**Radboud University, Nijmegen, NL** Position: Postdoctoral Researcher in Software Science
03/2020–11/2020	**Postgraduate in Computing Applied to Education - USP, BR** Position: Postgraduate Student Supervisor and Online tutor
11/2018–12/2019	**University of Leicester, Leicester, UK** Position: Visiting PhD Research Student
02/2014–07/2020	**Software Engineering Lab (LabES), São Carlos, BR** Position: MSc and PhD Student Researcher at LabES/ICMC
10/2012–07/2013	**Siemens Corporate Research, Princeton, USA** Position: Software Engineering Intern

Education

05/2016–07/2020	**Ph.D., Computer Science and Computational Mathematics** University of São Paulo (ICMC-USP), São Carlos - SP, Brazil **Thesis:** Learning state machine models from evolving systems
04/2020–12/2021	**MBA, Project Management** University of São Paulo (USP/Esalq), Piracicaba-SP, Brazil **Thesis:** Best practices for artifact quality management in software engineering research
02/2014–05/2016	**M.Sc., Computer Science and Computational Mathematics** University of São Paulo (ICMC-USP), São Carlos - SP, Brazil **Thesis:** Evaluating model-based testing methods on RBAC systems
03/2008–01/2014	**B.Sc., Computer Science** Federal University of Pará (UFPa), Belém - PA, Brazil

Skills and Techniques

- **Programming**: Java, Python, C/C++, Bash
- **Tools**: Git, Jenkins, TDD, OOP, UML, Linux, Windows, VirtualBox
- **Engineering**: Data structures, Algorithms, Testing, Refactoring, Debugging
- **IDEs/Editors**: Eclipse, IntelliJ, PyCharm, VSCode, Vim, LaTeX, MS Office
- **Libraries**: JUnit, Commons Math, NetworkX, JGraphT, FeatureIDE, Eclipse RCP
- **Soft skills**: Communication, Teamwork, Problem solving, Adaptability, Analytical thinking
- **Others**: Scientific writing, Teaching, Project Management, Experiments, Literature review

`More Details Available Upon Request`

[Resume compiled to the website https://damascenodiego.github.io/cv]