

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

 [damascenodiego.github.io](https://github.com/damascenodiego)

 [/damascenodiego](https://www.linkedin.com/in/damascenodiego)

 [/damascenodiego](https://twitter.com/damascenodiego)

## SUMMARY

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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.

## EDUCATION

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- 05/2016–07/2020 **Ph.D., Computer Science and Computational Mathematics**  
University of São Paulo (ICMC-USP), São Carlos - SP, Brazil  
**Thesis:** [Learning finite 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 research
- 02/2014–05/2016 **M.Sc., Computer Science and Computational Mathematics**  
University of São Paulo (ICMC-USP), São Carlos - SP, Brazil  
**Thesis:** [Evaluating state machine-based testing methods on RBAC systems](#)
- 03/2008–01/2014 **B.Sc., Computer Science**  
Federal University of Pará (UFPA), Belém - PA, Brazil

## MAIN PROFESSIONAL EXPERIENCES

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- 12/2020–05/2023 [Radboud University, Nijmegen, NL](#)  
Position: Postdoctoral Researcher in Software Science
- 03/2020–11/2020 [Postgraduate in Computing Applied to Education, Sao Carlos, 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-USP
- 10/2012–07/2013 [Siemens Corporate Research, Princeton, USA](#)  
Position: Software Engineering Intern

## SKILLS AND TECHNIQUES

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- **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](https://damascenodiego.github.io/cv)]*