

# Jackson Antonio do Prado Lima

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## Education

### UDESC (Santa Catarina State University)

B.S. IN INFORMATION SYSTEMS

Santa Catarina, Brazil

2010 - 2014

### UFPR (Federal University of Paraná)

M.S. IN INFORMATICS

Paraná, Brazil

2015 - 2017

### UFPR (Federal University of Paraná)

PHD CANDIDATE IN INFORMATICS

Paraná, Brazil

2017 - PRESENT

## Language Skills

Language	Read	Write	Speak	Understand
English	Yes	Yes	Yes	Yes
Portuguese	Yes	Yes	Yes	Yes

## Experience

### UFPR (Federal University of Paraná)

LECTURER

Curitiba, Brazil

May 2018 - May 2020

### UDESC (Santa Catarina State University)

LECTURER

São Bento do Sul, Brazil

Feb. 2018 - May 2018

### BPlus Tecnologia Ltda.

DEVELOPER

São Bento do Sul, Santa Catarina,  
Brazil

Jan. 2012 - Feb. 2015

- Worked at the Outsourcing Department of Scania Latin America with Microsoft .NET platform and Oracle Technology

### PMSC (Militar Police of Santa Catarina)

INTERNSHIP

São Bento do Sul, Santa Catarina,  
Brazil

Sep. 2009 - Sep. 2011

## Scholarship

### CAPES - Coordination for the Improvement of Higher Education Personnel

Curitiba, Brazil

Apr. 2017 - PRESENT

### CAPES - Coordination for the Improvement of Higher Education Personnel

Curitiba, Brazil

Mar. 2016 - Mar. 2016

### Institutos LACTEC

Curitiba, Brazil

Mar. 2015 - Mar. 2016

### UDESC (Santa Catarina State University)

São Bento do Sul, Santa Catarina,  
Brazil

Sep. 2011 - Dec. 2011

## Extracurricular Activity

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### UFPR (Federal University of Paraná) / Software Carpentry / Data Carpentry

COMPUTER TOOLS WORKSHOP

Curitiba, Brazil

2016

### TopWay English School

COURSE

São Bento do Sul, Santa Catarina,  
Brazil

2012 - 2014

### Seven Informatics

COURSE

- Oracle Report Builder
- Oracle Form Builder
- Oracle SQL to Developers
- Oracle PL/SQL to Developers

São Bento do Sul, Santa Catarina,  
Brazil

2012

### SENAC (National Service of Commercial Learning)

COURSE

- Furukawa Certified Professional

São Bento do Sul, Santa Catarina,  
Brazil

2012

## Editorial Activities

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### Journal of Software Engineering Research and Development

REVIEWER

Journal

2020

### The 31st International Conference on Software Engineering and Knowledge Engineering (SEKE)

REVIEWER

Conference

2019

## Publications

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### JOURNAL ARTICLES

#### A Multi-Armed Bandit Approach for Test Case Prioritization in Continuous Integration Environments

IEEE TRANSACTIONS ON SOFTWARE ENGINEERING

IEEE TSE

2020

#### Test Case Prioritization in Continuous Integration environments: A systematic mapping study

INFORMATION AND SOFTWARE TECHNOLOGY

IST

2020

#### A systematic mapping study on Higher Order Mutation Testing

JOURNAL OF SYSTEMS AND SOFTWARE

JSS

2019

#### Hyper-heuristic Based Product Selection for Software Product Line Testing

IEEE COMPUTATIONAL INTELLIGENCE MAGAZINE

IEEE CIM

2016

#### Deriving products for variability test of Feature Models with a hyper-heuristic approach

APPLIED SOFT COMPUTING

ASOC

2016

### CONFERENCE ARTICLES

## **Learning-based Prioritization of Test Cases in Continuous Integration of Highly-Configurable Software**

24TH ACM INTERNATIONAL SYSTEMS AND SOFTWARE PRODUCT LINE CONFERENCE

- It was approved by the reviewers and it is going to be submitted a final version.

*SPLC*

2020

## **Comparing Low Level Heuristics Selection Methods in a Higher-Order Mutation Testing Approach**

IX WORKSHOP ON SEARCH BASED SOFTWARE ENGINEERING

*WESB*

2018

## **Search-Based Higher Order Mutation Testing: A Mapping Study**

III BRAZILIAN SYMPOSIUM ON SYSTEMATIC AND AUTOMATED SOFTWARE TESTING

*SAST*

2018

## **Automatic Generation of Search-Based Algorithms Applied to the Feature Testing of Software Product Lines**

31ST BRAZILIAN SYMPOSIUM ON SOFTWARE ENGINEERING

*SBES*

2017

## **A Multi-objective optimization approach for selection of second order mutant generation strategies**

II BRAZILIAN SYMPOSIUM ON SYSTEMATIC AND AUTOMATED SOFTWARE TESTING

*SAST*

2017

## **Evaluating Different Strategies for Reduction of Mutation Testing Costs**

I BRAZILIAN SYMPOSIUM ON SYSTEMATIC AND AUTOMATED SOFTWARE TESTING

*SAST*

2016