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### Education

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Campina Grande, Brazil                      UFCG                      May 2013 — Mar 2018

- Bachelor in Computer Science
- GPA: 7.52/10.0

### Employment

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PIBITI                      CNPq                      Nov 2013 — Jul 2014

- Research on project 'An approach to categorize nonconformances between Java code and JML contracts'
- Work on development of a tool (JMLOK 2.0) to categorize nonconformances in Java/JML contract-based programs. Learned and used Java Swing and AST for JML during the project.

PIBIC                      CNPq                      Aug 2014 — Jul 2015

- Research on project 'An approach to categorize nonconformances on contract-based programs'
- Wrote a implementation of JMLOK 2.0 tool as a new tool (ContractOk), for categorization of C#/Code-Contracts contract-based programs. A static analysis module was created to enhance nonconformances correction. Used mainly C# Windows Form, .NET compiler platform ('Roslyn') for code analysis and Randoop for test generation.

PIBIC                      CNPq                      Aug 2016— - Jul 2017

- Research on project 'Developing mobile applications as a tool for control and monitoring of sanitary conditions on Federal University of Campina Grande (UFCG)'
- Created Inspetor Mups, an Android app for collecting data on sanitary problems on the Federal University of Campina Grande (UFCG) campus. App was produced using Meteor framework as back-end, with Javascript. App interface was created using Cordova with AngularJs as front-end, following Material Design guidelines.

### Skills

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- Strong: Java, C#, Go, Python, ES6, Git, R, Angular, MongoDB
- Knowledgeable: SQL, Meteor, Cordova, Play, LESS, C++, C, TDD, BDD, Unity