

# Roberto Morati

Vitória, Brazil  
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Master's degree in Computer Science and Oracle Certified Java SE with more than 5 years of developing software. Believes that technology as agnostics, in other words, considers the use of different technologies in order to solve different problems. Has academic experience with Ontology, Augmented Reality, Location-based Games and Decision Making Behavior. Worked as a Full Stack Developer in order to improve primary healthcare in Brazil by means of the services of teleconsulting, telecardiology, and continuous education. Besides that, works as Full Stack Developer for the Nossa Bolsa program created by the Government of the State of Espírito Santo (Brazil).

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## Education

### Master in Computer Science

**Federal University of Espírito Santo (UFES), Vitória-ES, Brazil 2012 - 2014**

### Graduated in Analysis and Systems Development

**Federal Institute of Education, Science and Technology of Espírito Santo (IFES), Serra-ES, Brazil 2008 - 2011**

## Certifications

**Conversational, level QECRL English Europe B2**

**Oracle Certified Professional, Java SE 6 Programmer**

## Skills

C/C++, wxWidgets: GUI Library, Java, WildFly, Hibernate, Jasper Reports, Python, Django Framework, Unit Test Case, REST Framework, Celery, Google Maps API, JavaScript, SQL, React, Node.JS, Bootstrap, ATL (Atlas Transformation Language), SPARQL, Apache Jena, Git, Docker, Elasticsearch, MongoDB and SOA

## Languages

English - Intermediary

## Experience

### **Full Stack Developer - Foundation for Support to Research and Innovation of the State of Espírito Santo, Vitoria, Brazil, 06/2015 - Present**

Provides continuous maintenance for the Nossa Bolsa, legacy software based on Java, whose main purpose is to provide a scholarship in universities for students of the public network, which has 2504 active scholarship at the end of the year 2018 and scholarship payment reports that move around R\$ 1.5 million per month. Besides, I created the Registration System for candidates and the Portal for the candidate to follow the scholarship competition process. These new services allowed enrollment of 12304 students in January of 2019 and an 812 news scholarship for the year 2019. These new services are supported by Django and Docker by means of reverse engineering of legacy software Nossa Bolsa.

### **Full Stack Developer - Telessaúde Program of the State of Espírito Santo, Vitória, Brazil, 07/2014 - Present**

Works in the Telessaúde Program, supported by the Federal Institute of Espírito Santo (IFES), that aims to provide clarification about clinical cases by means of questions and answers (teleconsulting), ECG

analysis, and other services to improve the continuing education and primary health care in Brazil. Besides that, in the year 2019 was saved two lives with heart attack signals and, per month around 220 teleconsulting are clarified. Still, I created the module to provide Certificates for the health professionals with the purpose of encouraging the continuing education for 12026 health professionals and, encouraging the career progression. These services are supported by Salus based in Django with Docker and microservices.

### **Professor in Distance Education (Tutor) - Federal Institute of Education, Science and Technology of Espírito Santo (IFES), Serra, Brazil, 02/2013 - 07/2014**

Taught the disciplines of Management Information Systems, "Computer Programming I" and System Design for Internet Applications for the course of Information System.

### **Professor (Internship Professor) - Federal University of Espírito Santo (UFES), Vitória, Brazil, 02/2013 - 07/2013**

Taught the discipline of Computer Programming I with C language for the course of Statistics.

### **Developer (Internship) - Enterprise Information Technology and Social Security of Espírito Santo - DATAPREV, Vitória, Brazil, 02/2010 - 02/2012**

Worked as a developer in Dataprev providing support on CACIC (Automatic configurator and Collector of Computer Information) based on C/C++.

### **Assistant Professor in Laboratory - Federal Institute of Education, Science and Technology of Espírito Santo (IFES), Serra, Brazil, 02/2009 - 11/2009**

Guided students in activities related to computer programming, such as questions about the C and Java programming language (writing code, indentation, manipulation of data structures, compilation and good programming practices).

### **Professor (Short Course) - Federal Institute of Education, Science and Technology of Espírito Santo (IFES), Serra, Brazil, 11/2009**

Taught the students how to use the Allegro Library with the C language.

## **Bibliography Production**

MORATI JUNIOR, R. G., BERGER, A. P., TAVARES, O. L., MENEZES, C. S. Alice in Labyrinth of Decisions: a game to exercise decision making and planning. RENOTE. Journal New Technologies in Education. , v.10, p.60 - 69, 2012.

Morati Junior, Roberto Guimaraes, Lira Tavares, Orivaldo, Menezes, Credine Silva Authoring Environment for Location Decision Games for Decision-Making Skills Development In: Advances in Intelligent Systems and Computing.2 ed.: Springer International Publishing, 2014, v.2, p. 465-475, [http://link.springer.com/chapter/10.1007%2F978-3-319-05948-8\\_45](http://link.springer.com/chapter/10.1007%2F978-3-319-05948-8_45).

PERIN, W. A., MORATI JUNIOR, R. G., CURY, D. iMap - An inference mechanism based on Concept Maps, 2013, Florianopolis, Brazil (Best Paper Awards)

## **Advisor | Co-Advisor**

### **Course Conclusion Work (TCC)**

Alan Berger. Alice in Labyrinth of Decisions: a game to exercise decision making and planning. 2012, UFES (Computer Engineering)