

# Fabio Ferreira

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## CURRICULUM VITAE

I am an assistant professor at the Federal Institute of the Southeast of Minas Gerais and a Ph.D. student in the Department of Computer Science at Federal University of Minas Gerais (DCC-UFMG). At UFMG I work in the ASERG group under supervision of professor Marco Tulio Valente. I am broadly interested in developing use-inspired research in software engineering, with focus on techniques and methods for building and evolving complex software systems.

Previously, I completed my master degree in Computer Science under supervision of professor Carina Frota Alves at the Federal University of Pernambuco (CIn - UFPE) in 2016.

## EDUCATION

### **Federal University of Minas Gerais – Belo Horizonte - Brazil**

Doctor of Philosophy (Ph.D.), Computer Science, 9.46/10

2019 - Expected 2023

### **Federal University of Pernambuco - Recife - Brazil**

Master of Science (M.S), Computer Science, 9.5/10

2014 - 2016

### **Federal Institute of the Southeast of Minas Gerais - Barbacena - Brazil**

Bachelor of Technology - Internet Systems

2006 – 2008

### **Federal Institute of the Southeast of Minas Gerais - Barbacena - Brazil**

Technical Course in Informatics

2003 - 2004

## PUBLICATIONS

FERREIRA, F. ; SILVA, LUCIANA L. ; VALENTE, MARCO TULIO. **Software Engineering Meets Deep Learning: A Mapping Study**. In: *36th ACM Symposium On Applied Computing (SAC)*, 2021, Gwangju, South Korea.

FERREIRA, F. ; SILVA, LUCIANA L. ; VALENTE, MARCO TULIO. **Turnover in Open-Source Projects: The Case of Core Developers**. In: *34th Brazilian Symposium on Software Engineering (SBES)*, 2020, Natal, Brazil.

DINIZ, JOAO P. ; CRUZ, D. ; FERREIRA, F. ; SILVA, CLEITON ; FIGUEIREDO, Eduardo. **GitHub Label Embeddings**. In: *20th IEEE International Working Conference on Source Code*

*Analysis and Manipulation (SCAM)*, 2020, Adelaide, Australia. New Ideas and Emerging Results Track.

XAVIER, L.; FERREIRA, F. ; BRITO, R. ; VALENTE, MARCO TULIO. **Beyond the Code: Mining Self-Admitted Technical Debt in Issue Tracker Systems.** *In: 17th International Conference on Mining Software Repositories (MSR)*, 2020, Seoul, South Korea.

FERREIRA, F. S.; ALVES, C. F. ; CAVALCANTI, ROSA CANDIDA. **R-BPM: Uma Metodologia para Gerenciamento de Processos de Negócios Consciente dos Riscos.** *iSys: Revista Brasileira de Sistemas de Informação*, v. 9, p. 5-37, 2016.

FERREIRA, F. S.; ALVES, C. F. ; PINTO, R. C. C. **A Risk Management Model Integrated with BPM Lifecycle.** *13th International Conference on Information Systems and Technology Management (CONTECSI)*, 2016, São Paulo, Brazil.

## TEACHING

### Undergraduate

Web Application Development	2016 - Current
Information Systems Management	2016 - Current
Visual Programming	2016 - Current
Distributed applications	2016 - Current

### Technical High School on Informatics

Systems Analysis	2016 - Current
Web Page Development	2016 - Current
Web Programming	2016 - Current
Operating systems	2016 - Current

## WORK EXPERIENCE

### Information Technology Analyst

Federal Institute of the Southeast of Minas Gerais - IF Sudeste MG  
2010 - 2016

### Lead Developer

Secretariat of Professional and Technological Education - SETEC  
2011 - 2012

### Information Technology Analyst

Computer Center - Federal University of Minas Gerais - CECOM UFMG  
2009 - 2010

### Full Stack Developer

Secretariat of Professional and Technological Education - SETEC  
2006 - 2009