

# Venilton Falvo Jr

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## EDUCATION

### UNIVERSITY OF SAO PAULO

#### PHD IN COMPUTER ENGINEERING

Exp. 2020 | Sao Carlos, SP, Brazil

Special Student

Cum. GPA: 4.0 / 4.0

#### MSC IN COMPUTER ENGINEERING

Apr 2015 | Sao Carlos, SP, Brazil

Cum. GPA: 3.77 / 4.0

### UNIARA

#### BS IN COMPUTER ENGINEERING

Dec 2011 | Araraquara, SP, Brazil

Cum. GPA: 3.26 / 4.0

## LINKS

Github:// [falvojr](#)

LinkedIn:// [falvojr](#)

## COURSEWORK

### GRADUATE

Compilers

Concurrent Programming

Distributed Systems

Operating Systems

Project Management

Real Time Systems

Robotics and Industrial Automation

Software Engineering + Practicum

### UNDERGRADUATE

Artificial Intelligence

Experimental Software Engineering

Human Computer Interaction

Software Architecture

Software Testing and Validation

## SKILLS

### PROGRAMMING

Expertise:

Android • CSS • C# • Express

Git • Gradle • Java • GNU/Linux

Maven • MongoDB (NoSQL)

Node.js • REST • Spring • SQL

Working Knowledge:

AngularJS • AWS • CSS • Docker

Gulp • Jenkins • Kotlin • Vagrant

Familiar:

C • C++ • Objective-C •  $\LaTeX$

## EXPERIENCE

### CAST GROUP | TECHNOLOGY SPECIALIST

Oct 2008 - Present | Araraquara, SP, Brazil

Create or design the most appropriate software architecture, adherent to the needs of the business, satisfies stakeholder requirements, and achieves the desired results under given constraints.

### BRAIN MACHINE | CO-FOUNDER

Feb 2016 - Present | Araraquara, SP, Brazil

Collaborator in the startup's projects.

### IFSP | SUBSTITUTE TEACHER

Mar 2016 - Present | Araraquara, SP, Brazil

Teach to higher and technical education at Federal Institute of Education, Science and Technology of Sao Paulo (IFSP).

## PROJECTS

### DIGIO | CAST GROUP | BANCO CBSS

Oct 2016 - Mar 2017 | Barueri, SP, Brazil

Digio is a fintech that offers a VISA credit card with all the management in mobile applications. Available for **Android** and iOS.

### THE DINING CLUB | BRAIN MACHINE

Feb 2016 - Jul 2016 | Brisbane, QLD, Australia

**The Dining Club** is a company/website with the best restaurants of the Australia that offers exclusive discounts to your members.

### OUROCARD | CAST GROUP | BANCO DO BRASIL

Sep 2015 - Dec 2015 | Brasilia, DF, Brazil

Pioneering project in the use of Host Card Emulation (HCE) technology in Brazil and first solution of the world launched by a bank to mobile payments with multiple cards (debit and credit). Available for **Android** and iOS.

## CERTIFICATIONS

2016	Oracle	Java SE 6 Programmer Certified Professional
2013	Microsoft	MS: Programming in HTML5 with JavaScript and CSS3
2011	Microsoft	MCPD: Web Developer 4

## PUBLICATIONS

- [1] V. Falvo Jr, L. C. Degrossi, J. D. P. da Silva, and E. F. Barbosa. A comparison of the implementation time: Android vs. html5. In *CibSE: ESELaw*, 2013.
- [2] V. Falvo Jr, N. F. D. Filho, E. Oliveira Jr, and E. F. Barbosa. A contribution to the adoption of software product lines in the development of mobile learning applications. In *IEEE Frontiers in Education Conference (FIE)*, 2014.
- [3] V. Falvo Jr, N. F. D. Filho, E. Oliveira Jr, and E. F. Barbosa. Towards the establishment of a software product line for mobile learning applications. In *Software Engineering & Knowledge Engineering (SEKE)*, 2014.
- [4] G. W. Soad, M. L. Fioravanti, V. Falvo Jr, A. Marcolino, N. F. D. Filho, and E. F. Barbosa. Reqml-catalog: The road to a requirements catalog for mobile learning applications. In *IEEE Frontiers in Education Conference (FIE)*, 2017.