

# Pedro Vanzella

## Curriculum vitae

### EXPERIENCE

	2016
Rails, React <i>Toptal - Aflutter</i>	
Maintanance and development of a wedding planning application in Rails and React.	
	2016
Django <i>Toptal - SpokeHub</i>	
Maintanance and development of an ERP in Django.	
	2016
Rails <i>Toptal - BuildRX</i>	
Development of microservices for e-Commerce in Rails.	
	2015
Python, C, JavaScript, AngularJS <i>CWI Software - Renner</i>	
Development of an interactive kiosk. A Python middleware bridges the hardware, a Java back-end and C libraries to a Webkit browser. The browser calls the Python classes and exports them to JavaScript, where they are called by an AngularJS front-end.	
	2015
Python, Flask, MongoDB <i>CWI Software - Terra</i>	
Maintanance and development of a Video On Demand system for a large ISP and content provider. Written in Flask with MongoDB.	
	2014
Ruby, Rails, MongoDB <i>Fator7 - StarlightLED</i>	
Development of a Cloud control system for a class of Internet of Things devices, including public lights and traffic controllers.	
	2013
Ruby, Rails, Postgres <i>TopTal - USEED</i>	
Development of a crowdfunding system, in Rails, in a 100% remote and international team.	
	2012
Ruby, Rails, Postgres <i>UFRGS - NetMetric - Vivo</i>	
Development of a high availability control and monitoring system for cellphone network probes.	

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### EDUCATION

2013 – 2016	<b>Computer Science</b> B.A. PUCRS
2009 – 2012	<b>Computer Engineering</b> B.A. UFRGS

### PUBLISHED ARTICLES

2016	<b>Artificial Intelligence Methods Applied to Elevator Dispatching Using a Simulator</b> THESIS <i>Artificial Intelligence, Simulation</i>
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### PERSONAL PROJECTS

2017	<b>todo-or-not-todo</b> ( <a href="https://github.com/pedrovanzella/todo-or-not-todo-rails">github.com/pedrovanzella/todo-or-not-todo-rails</a> ) <i>Rails API for a todo list backend</i>
2016	<b>intelelevator</b> ( <a href="https://github.com/pedrovanzella/intelelevator">github.com/pedrovanzella/intelelevator</a> ) <i>Elevator simulator and planner in C++</i>
2015	<b>Flask-DODDNS</b> ( <a href="https://github.com/pedrovanzella/Flask-DODDNS">github.com/pedrovanzella/Flask-DODDNS</a> ) <i>Flask app that provides Dynamic DNS to home routers</i>

### TECHNICAL SKILLS

PROGRAMMING LANGUAGES	Python, Ruby, JavaScript, C, C++
FRAMEWORKS	Rails, Django, Flask, React
METHODOLOGIES	Scrum, Kanban, XP, TDD, BDD
TOOLS	PostgreSQL, Oracle, Git, MongoDB