# Pedro Vanzella
## *Curriculum vitae*

## EXPERIENCE

2016

Rails, React
### *Toptal - Aflutter*

Maintanance and development of a wedding planning application in Rails and React.

2016

Django
### *Toptal - SpokeHub*

Maintanance and development of an ERP in Django.

2016

Rails
### *Toptal - BuildRX*

Development of microservices for e-Commerce in Rails.

2015

Python, C, JavaScript, AngularJS
### *CWI Software - Renner*

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
### *CWI Software - Terra*

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
### *Fator7 - StarlightLED*

Development of a Cloud control system for a class of Internet of Things devices, including public lights and traffic controllers.

2013

Ruby, Rails, Postgres
### *TopTal - USEED*

Development of a crowdfunding system, in Rails, in a 100% remote and international team.

2012

Ruby, Rails, Postgres
### *UFRGS - NetMetric - Vivo*

Development of a high availability control and monitoring system for cellphone network probes.

⌂ | Toronto, ON
☎ | (647) 385 7032
✉ | pedro@pedrovanzella.com
⚡ | www.pedrovanzella.com

## EDUCATION

| | | |
|---|---|---|
| 2013 – 2016 | **Computer Science** B.A. *PUCRS* | |
| 2009 – 2012 | **Computer Engineering** B.A. *UFRGS* | |

## PUBLISHED ARTICLES

2016 **Artificial Intelligence Methods Applied to Elevator Dispatching Using a Simulator**
THESIS
*Artificial Intelligence, Simulation*

## PERSONAL PROJECTS

2015 **chickencross (github.com/vantas/chickencross)**
*Frogger clone in C++*

2014 **dolly (github.com/pedrovanzella/Ball)**
*C++ and OpenGL game engine*

2014 **Flask-DODDNS (github.com/pedrovanzella/Flask-DODDNS)**
*Flask app that provides Dynamic DNS to home routers*

## 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 |