

# Toon Claes

## Curriculum Vitæ

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October 27, 1985

### Working Experience

#### Full-time

2017–present **Backend Developer, GitLab.**

Backend Platform development in Ruby on Rails.

Responsibilities:

- API maintenance
- Performance improvements
- Make GitLab Geo Disaster Recovery production ready

GitLab.com

2015–2016 **Developer, 10to1, Antwerp.**

Mobile application development in iOS & Ruby on Rails.

Achievements:

- iOS: Objective-C & Swift, UIKit, Realm.io
- Ruby on Rails: Devise, PostgreSQL
- jQuery & Ember.js

10to1.be

2008–2015 **Software engineer, Tokheim, Turnhout.**

Software development for embedded Linux outdoor payment devices.

Achievements:

- Linux driver programming
- Hardware integration
- Event-driven & object-oriented application design in C++
- Design & implementation of software authentication & encryption
- Maintenance & Certification of EMV Level 2 Contact Terminal Application Kernel

tokheim.be

#### Summer & Weekend job

2001–2008 **Tree nursery worker, Rombouts bvba, Achel.**

romboutsplanten.be

### Education

2003–2008 **Master of Science, Electronics - ICT, KHK, Geel.**

Master thesis:

*Limited vocabulary speech recognition with Support Vector Machines*  
*Prototype development in MATLAB*

1999–2003 **Industrial Sciences, WICO - Campus TIO, Overpelt.**

## Skills & Knowledge

### Programming

Ruby & Ruby on Rails

Objective-C, Swift, C & C++

HTML5, CSS & SCSS, JavaScript

GNU Make, Shell scripting, Emacs Lisp,  $\LaTeX$ , Perl

### Applications

GNU Emacs, Xcode, git, gdb

## Social skills

### Youth organisation

2002-2005 3 year leader, including 2 year head leader.

### Student society

2004-2008 4 year active member of the executive committee.

## Languages

Dutch **native**

English **very good**

## Interests

### Computering

GNU Emacs Tune GNU Emacs with Emacs Lisp

Mobile Fun projects for mobile in Obj-C & Swift

Web Small websites for relatives & friends  
e.g. trabsolute.events, theater92.be

### Other

Sport Running

## Personal Objectives

- Be a technical guru
- Create my own (esoteric) programming language
- Contribute to the GNU Emacs source code
- Put a personal app in the iOS App Store
- Enjoy doing the things I do