Toon Claes

class Developer

Herentals
✉ *toon@iotcl.com*
⌐ *iotcl.com*
October 27, 1985

Working Experience

Full-time

2017–present **Senior Backend Engineer**, *GitLab*, remote.
Backend development in Ruby on Rails & Go

2020–present	Go development of Gitaly RPC service for Git
2017–2020	Rails development of GitLab Geo

Achievements & Responsibilities:
- Maintenance and building performance improvements to Git repository hosting.
- Collaborate on the mailing list to upstream changes to Git
- Rollout of GitLab Geo at GitLab.com scale to migrate across cloud providers.
- Final responsible reviewer of database related code and SQL query performance.

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

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

Summer & Weekend job

2001–2008 **Worker at plant farm**, *Rombouts bvba*, Achel.

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

Go & gRPC
Ruby & Ruby on Rails
PostgreSQL, Redis, Sidekiq
C & C++, Objective-C
GNU Make, Shell scripting, Emacs Lisp

Applications

GNU Emacs, Xcode, git, gdb

Social skills

Youth organisation

2020–present	Member of parent council.
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

Git	Participate on the Git mailing list
GNU Emacs	Tune GNU Emacs with Emacs Lisp
Web	Small websites for relatives & friends, or experiments
	e.g.git-me.tech,theater92.be,trabsolute.events,

Other

Sport	Speed & inline skating, Running

Personal Objectives

- Be a technical guru
- Contribute to Free and Open Source software like Git and GNU Emacs
- Create my own (esotheric) programming language
- Enjoy doing the things I do
- Be a good father for my three kids