



Linus Oleander

Engineer, Software Developer

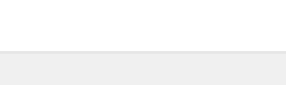
Gothenburg, Sweden

+46 76 561 61 67

linus@oleander.io

https://oleander.io

English, Swedish



BACKGROUND

ABOUT

Swede, open source evangelist, world traveler with a passion for problem solving, programming and endurance sports. Got my degree in computer science with a minor in computer security from Chalmers Technical University in Sweden.

Business owner and freelance developer since the first week of my university studies specializing in full stack web development and open source software. I've been a long time contributor of open source spending the past decade on platforms like Github and Stackoverflow.

Currently raking in the top 4% on Stackoverflow and my projects on sites like rubygems.org has reached over half a million users.

Besides writing code, I travel and compete as a triathlete as much as can. Just finished bicycling from London to Hong Kong passing 26 countries over a period of 18 months. It taught me the importance of listening and nonverbal communication - as most countries along my bike path didn't speak english.

I'm now looking a new adventure as a developer.

WORK EXPERIENCE

CEO, Developer, Oleander Development AB

Apr, 2010 - Present

Freelance web and baclend developer

- Maintaining, developing and supporting hprovet.se, a interactive platform written in Ruby on Rails for practicing for the Swedish SAT. The platform has over 5k paying customers since the start of 2014
- Maintaining and developing radiofy.se, a music analysing platform writtn in Ruby on Rails. The site has over two million users each year. Main source of income from Google Adsense
- Bookings, annual reports to the Swedish tax administration
- SEO for radiofy.se and hprovet.se used to keep and improve the raking for over 4k keywords
- Linux Sever administration on an Ubuntu server with 120 page requests / sec managing everything from firewalls using iptables and Snort, to monitoring 40+ internal services using Monit
- Accounting and billing
- Payment gateways including Paypal, Stripe and the Swedish Swish payment gateway.
- Customer service, mainly for HProvet.se.

SKILLS

Linux sysadmin

Monit SSL SSH Snort IPTables ZSH

Database admin

Postgresql BNF Data normalization

Testing

Travis CI TDD BDD

Git

Github

Swift

Swift Package Manager Cocoapods Automated testing using Travis CI Cocoa

Web Development

HTML5 CSS Javascript

Testing and verification

TDD BDD Travis-CI Code Coverage rspec/quick/nimble

Javascript

Node.js Web GUI (electron) NPM

Ruby

Ruby on Rails Rubygems

Payment gateways

Stripe Paypal Swish

Vim user

Macvim NeoVim

Data mining

Tensorflow Apriori

Linux

Debian Ubuntu Nginx Postgresql Monit Snort iptables Redis

EDUCATION

Algorithms, Languages and Logic, Master, Chalmers Technical University

Jan, 2012 - Jun, 2016

TIN092 - Algorithms TDA342 - Advanced Functional Programming TDA183 - Model of Computation

EDA263 - Computer Security TDA351 - Cryptography DAT060 - Mathematical Logic for Computer Science

EDA491 - Network Security DAT151 - Programming Language Technology TDA602 - Language-based security

TDA293 - Software engineering Using Formal Methods TEK130 - History of Science INFOSIM - Simulation

INFOMDM - Data mining

Computer Science, Bachelor, Chalmers Technical University

Aug, 2010 - Jun, 2012

FFR101 - Sustainable use of resources TDA357 - Databases EDA343 - Data Communications DAT036 - Data structures

EDA331 - Computer Systems EDA451 - Digital- and Computer engineering EDA321 - Digital electronics

EEM076 - Electrical circuits and field TIF085 - Physics for Engineers TMV210 - Introductory Discrete Mathematics

TDA555 - Introduction to Functional Programming TMA220 - Introduction to Mathematics TDA605 - Introduction to Programming

DATX02 - Bachelor's thesis in Computer Science and Engineering TMV215 - Linear algebra

EDA480 - Machine Oriented Programming TMV170 - Mathematical analysis

MVE055 - Mathematical Statistics and Discrete Mathematics DAT042 - Object Oriented Programming

TDA381 - Parallel Programming ERE102 - Automatic Control DAT255 - Software engineering project

SSV080 - Transformer, signals and systems DAT076 - Web applications FYD230 - Micro Controllers Network

Security specialization, Master, Chalmers Technical University

Aug, 2013 - Dec, 2015

EDA263 - Computer Security TDA351 - Cryptography EDA491 - Network Security TDA602 - Language-based security

Microcontrollers & C-compilers, Bachelor, independent, Gothenburg University

Aug, 2010 - Jun, 2011

FYD230 - Micro Controllers Network FYD240 - Microcontrollers with RTOS FYD201 - Microcomputers

FYD202 - Microcomputers Basics

AWARDS

Winner of Unihack Github

Awarded on: Apr 10, 2010

A programming competition for students, focused on web development. Sponsored by Heroku and Github.

Hall of allXtri AllXTri

Awarded on: Jun 15, 2015

Part of a group of athletes who have successfully completed the allX trilogy, three of the toughest one day races in the world; Swissman, Norseman and Celtman

7th place, Rockman Rockman Swimrun

Awarded on: Jul 08, 2015

A 12h swim-run race in teams of two in Norway involving non-stop teamwork and ten month of preparation.

4th place, Swim 24h Swim 24h

Awarded on: Oct 31, 2015

A 24h indoor swim race, 39km, to raise money for breast cancer. We helped raising over 3000€ in 24h.

IRONMAN Nice finisher IRONMAN

Awarded on: Jul 31, 2014

Ten month of preparation finishing among the top 40 Swedish athletes

Black T-shirt Norseman finisher Isklar Norseman Xtreme Triathlon, Norway

Awarded on: Invalid date

16h+ triathlon in the freezing Norway. Voted 'toughest race on the planet' by BBC in 2007.

Blue T-shirt CELTMAN! finisher CELTMAN! Extreme Scottish Triathlon

Awarded on: Jun 21, 2015

Part of the allXTri package. A 18h+ triathlon race over the munro of Northern Scotland

SWISSMAN Xtreme Triathlon finisher SWISMAN Xtreme Triathlon

Awarded on: Jun 28, 2015

Part of the allXTri package. A 18h+ triathlon race over the Swiss alps - 4 times

VOLUNTEER WORK

Developer Q&A, Stackoverflow

Apr, 2010 - Present

10 800 in reputation, top 4% - helping the developer community by answering and asking questions

- Ruby, Postgresql and Javascript as main languages
- Earning 11 gold badges, 4 of which for the 'Great Answer' tag

Developer, Github

May, 2010 - Present

228 published projects in 11 different languages contributing to projects like facebook/nuclide and rails/rails

- Main languages being Ruby, Swift, PHP and Javascript
- git-fame-rb as most notable project with 615 stars
- Maintainer of nathanchahill/Anycomplete with 1 400 stars

Developer, Rubygems

Jan, 2010 - Present

Ruby - 31 projects written for the rubygems package manager downloaded 540 000 times

- git_fame - 36 000 downloads
- rchardet19 - 239 000 downloads
- unpack - 14 000 downloads

Coach, IRONMAN World Championship

May, 2015 - Oct, 2016

One year of coaching for my sister for the IRONMAN World Championship on Hawaii

- Logistics involving moving bike equipment half around the world in only eight days
- Scheduling nutrition both for traning and race to optimize performance
- Technical support during the race and trough out the year
- Planing cut-off times for the race
- 3rd placement during qualification race in Holland and top 10% during the world championships

PUBLICATIONS

Automating the process of hand-in assignments , Linus Oleander, Jesper Josefsson

Published on: Oct 01, 2012

The Water Project - Batcher thesis

git_fame , Linus Oleander

Published on: May 22, 2012

612 ★ - Ruby - A command-line tool that helps the user summarize and pretty-print collaborators in a git repository based on contributions

BitBar , Linus Oleander, BitBar team

Published on: Feb 11, 2017

7 600 ★ - Swift - Maintainer and Swift core developer of BitBar, a GUI application for OSX that lets you put the output from any script in your Mac OSX Menu Bar. The link points to the pull request migrating an Object-C version of the application to Swift. About 800h went in to the migration.

HProvet , Linus Oleander

Published on: Jan 01, 2010

A REST application written in Ruby on Rails - An interactive platform used to study for the Swedish SAT. 4 million answered questions a year. Build on-top of Ruby on Rails and utilizes machine learning, combinator parsers and payment gateways

Radiofy , Linus Oleander

Published on: Oct 01, 2009

A REST application written in Ruby on Rails - 2 billion backgrounds jobs a year with two million users. The platform logs Swedish radio stations and summarizes and presents the information. Utilizes machine learning for suggesting music to the users.

facebook/nuclide , Linus Oleander, Facebook

Published on: Jan 01, 2017

6 700 ★ - Javascript - Merged pull request for Nuclide written by Facebook, an open IDE for web and native mobile development, built on top of Atom written in Javascript

nathanchahill/Anycomplete , Linus Oleander, Nathan Cahill

Published on: Feb 03, 2017

1 400 ★ - Lua - Maintainer of Anycomplete, an auto completion extension for Hammerspoon.

INTERESTS

Training

Swim Hiking Running Biking

Racing

IRONMAN Adventure Racing SwimRun Long distance swimming

Traveling

18 000 km on bicycle through 26 countries Backpacking Wild Camping CouchSurfing

Photographing

Landscape & street photography Lightroom Photoshop

Psychology

Human behavior Cognitive psychology

Philosophy

Moral and ethics Argumentation theory