

## Personal details

Name : Viorel Stirbu  
Born : May 14, 1981  
Location : Cluj-Napoca, Cluj, Romania  
Telephone : +40 742846735 (main, Romania)  
              +351 911137009 (now, Portugal)  
Email : viorels@gmail.com  
Web : <http://www.stirbu.me>  
      <http://github.com/viorels>

## Objective

Developing large scale web/mobile applications. Also interested in Bitcoin/blockchain and distributed apps.

## Work experience

2017 Freelancer  
- Aloalto, IoT project using Python and Amazon Web Services  
2016 Sabbatical year  
- traveled through SE Asia and Europe, embracing the digital nomad life  
- studied Bitcoin, Ethereum and blockchain technologies  
- codementor.io, mentored people in Africa on Python and Bitcoin  
2012-2015 Freelancer, Python/JavaScript/Android projects  
- Joto (Python/Django), <http://joto.me>  
- Instabridge (Android), <http://www.instabridge.com/>  
- Atex Computers (Python/Django), computer shop website,  
  <http://www.atexpc.ro>, source <https://github.com/viorels/atex>  
2010-2012 Python Developer at PBS.org (17.2 mil monthly visitors)  
- developed and maintained a large scale video portal  
  using Python, Django, JavaScript, MySQL and cloud computing  
- created a "Bulk Media Uploader" cross-platform desktop application  
2007-2010 Technical Solutions Consultant at Hewlett-Packard  
- worked with customers to provide the best experience using  
  "HP Server Automation (SA)" software  
- written Python scripts that diagnose SA issues  
- developed a Perl application that consolidates support resources  
2005-2007 Freelancer/Developer  
- web/network applications on Elance  
- used Perl, JavaScript, PHP  
2003-2007 L1-3 Remote Tech Support, Server Administrator and Developer  
  at Carpathia Hosting Inc, Ashburn, VA, USA  
- managed remote server infrastructure and automated operations  
  for ~150 servers  
- provided good support for hosting customers through tickets and text chat  
- written Perl code to extend web hosting control panel functionality

## Education

2000-2004 Computer Science at Babes-Bolyai University, Cluj-Napoca, Romania  
1996-2000 Informatics at Grigore-Moisil High school, Tulcea, Romania

## Projects

[www.atexpc.ro](http://www.atexpc.ro) (<https://github.com/viorels/atex>)  
- Computer shop. Implemented client/admin area using Python/Django.  
  Created for Atex Computer, Cluj-Napoca, RO  
GPS data receiver  
- Application running on a Linux server and listening on a TCP/IP  
  socket for incoming communication from lots of GPS/GSM devices and  
  then storing them in a database. Built with speed and robustness  
  in mind using Perl/POE. Created for GPS4NET Cluj-Napoca, RO.  
Ad Server  
- JPEG/Flash/Javascript banner serving and caching. Built with  
  speed and scalability in mind using mod\_perl2. Created for  
  AffiliateWindow London, UK  
[www.bancuri.com](http://www.bancuri.com)  
- Joke database. Pet project to play with new things that I'm learning

## Skills

Python : expert (2009-NOW)  
- good OO, functional, meta programming understanding  
- Django, BeautifulSoup, requests, pytz, Pillow, wxPython, virtualenv

- unittest, mock, nose

JavaScript : very good (2005-NOW)

- object oriented, prototyping, closures, DOM
- frameworks : jQuery, Backbone

Perl : expert but rusty (2002-2009)

- object oriented (classic objects, inside-out, Moose/Mouse)
- advanced regular expressions, testing, one liners
- frameworks : POE, Catalyst, CGI::Application

Other languages (ordered by skill) :

- Scala/Clojure/Groovy/Java
- PHP
- BASH shell/scripting language
- Go
- Haskell
- C/C++
- ASM

Databases :

- good with PostgreSQL and MySQL
- also worked with Oracle, MSSQL

Linux/FreeBSD :

- good administration/security skills and working with web servers

Web :

- good with HTML, CSS, JavaScript, Unicode
- security aware (SQL injection, XSS, XSRF)

Network protocols :

- familiar with inner guts of TCP/IP, HTTP, SMTP, FTP, SSH, DNS, ARP

Collaboration tools :

- good with Git
- worked with Bugzilla, RT, Jira (+Atlassian suite)

#### Abilities

- quick learner when motivated
- very motivated when given a technical challenge

#### Languages

- romanian: native
- english: reading/writing - good; speaking – fluent

#### Hobbies

- flying gliders/paragliders
- dancing argentine tango
- traveling as a digital nomad