

# emiliano sauvisky

esauvisky@gmail.com | +55 (48) 999-129-505  
github.com/esauvisky | gitlab.com/esauvisky  
linkedin.com/in/esauvisky | emibemol.com  
florianópolis, sc, brazil

## EDUCATION

**university of the state of santa catarina**  
bachelor in economic sciences

**federal institute of santa catarina**  
technologist in mechatronics

## SKILLS AND QUALIFICATIONS

### languages

advanced english  
fluent spanish  
fluent portuguese

### economics

finances  
investments  
statistics  
mathematical finance

### engineering

electronics  
automation  
mechanics

### communication

digital marketing  
public relations  
social media management

### arts

music  
photography  
design

### information technologies

infosec  
networks  
hardware  
blockchains  
web design & webdeveloping  
operational systems  
*(windows, linux, mac os x, bsd)*  
development frameworks  
*(agile methodologies, scrum, kanban, sprint)*  
vectors and imaging  
*(photoshop, gimp, illustrator, inkscape)*  
audio and video  
*(cinelerra, audacity, ardour, premiere, vegas)*  
infrastructure / devops  
*(docker, git, CI/CD, aws, gcp,  
shell script / bash, kubernetes ansible)*  
programming languages  
*(python, shell script / bash, node.js,  
php, html5, css3, js, lua, C, C++, C#, HDLs)*

## WORK EXPERIENCE

### bravi software [florianópolis, sc]

estimates lead 2019 – current

infrastructure engineer, devops 2019 – current

gives support for developers and does maintenance for Bravi's infrastructure services. deals primarily with *docker*, *git*, *CI/CD*, *linux*, *cloud hosting providers* amongst others, constantly thinking and employing long-term, up-to-date security practices as a innate mindset.

*docker, git, aws, CI/CD, cloud hosting providers, infosec*

software engineer 2019

helps with software development in several stacks, given enough demand.

*angular, java, C#, jQuery, codeigniter, python, node and others.*

wordpress consultant 2019

gives WordPress training and technical support to Bravi's customers, both to end users – like content creators or marketing teams – and back/frontend developers as well.

full stack wordpress developer 2018 – current

develops themes, plugins, APIs and occasionally even fully fledged systems on top of wp's abstraction layer.

*wordpress, php, html5, css3, REST, sass, twig/timber, acf*

### the language club [florianópolis, sc]

information security analyst 2017 & 2019

responsible for preserving confidentiality and integrity of sensible data. developed and successfully managed a contingency plan after a security breach allowed the insertion of malware in the company's website via XSS.

*infosec, php, wordpress, js, ajax, XSS*

### condomínio vivendas de maiorca [florianópolis, sc]

infrastructure technician 2017 – 2018

remote voting system developer 2017

conceptualised and developed a remote voting system for an apartment complex's general meetings.

*python, mongodb, html5, css3, wordpress, php, js/jQuery*

### labsmart: smart electrical networks lab [federal institute of santa catarina. florianópolis, sc]

electronics assistant 2016

in charge of support and assistance in the development of automated energy monitoring systems. covers microcontrollers programming and applied concepts of electronics and microelectronics.

*C, C++, hardware description language*

webdeveloper, webdesigner 2016

in charge of developing the SmartIFSC's project website.

*python, html5, css3, js/jQuery*

## OTHER EXPERIENCE AND ACTIVITIES

information security engineer 2017 – current

entrepreneur 2013 – current

electronics technician 2012 – 2018

### the language club [florianópolis, sc]

webmaster, webdeveloper 2015 – 2016

social media & digital marketing analyst 2014 – 2015

### portal libertarianismo [brasil]

sysadmin, devops, webdeveloper 2013-2014

*docker, CI/CD, git, infosec, hosting providers (gcp)*

webmaster, webdeveloper 2013-2014

### fundação certi [florianópolis, sc]

excel+vba developer for MCS processes 2011 – 2012

*excel, visual basic (vba: macros, algorithms, GUIs), R language*

### federal university of the state of santa catarina [florianópolis, sc]

scholarship 2010-2011

## PERSONAL PROJECTS

### **pokémod: cheating toolkit for mobile game – <https://pokemod.dev>**

first ever cheating toolkit developed for the gps-based game pokémon go running in android devices. after a whole year of rev. engineering, PoC and development, the project finally went public in november 2019. still alive and undergoing heavy development.

*reverse engineering, deobfuscation, ssl pinning, arbitrary memory interception, dynamic native object hooking, man-in-the-middle sniffing, protobufs.*

*git: advanced CI, docker, webhooks. android: C#, java, python, js (duktape & v8)*

### **arbit: arbitraging trading bot – closed source**

automatic arbitrageur for cryptocurrency markets at brazilian exchanges.

*python, REST, websockets, async & queues*

### **ovenPIDcontroller: arduino PID controller – <https://git.io/OvenPID>**

temperature control for small ovens & toasters using a PID control loop feedback with thermocouple sensors and a solid state relay output.

*C++, AVR, arduino, bit banging/manipulation, electronics*

### **emi's time analysis: financial indicator – [tradingview.com/script/H8InEgEh](https://tradingview.com/script/H8InEgEh)**

implementation of Tom Demark's TD sequential indicator for financial and trading platforms with pinescript language support.

*pinescript, mathematical finances, functional programming*

### **pokemon-go-calcy-renamer: gaming bot – <https://git.io/PGoRenamer>**

*android, python, java, yaml, obfuscation, adb, async & queues*

*(more projects available at: [github.com/esauvisky](https://github.com/esauvisky) & [gitlab.com/esauvisky](https://gitlab.com/esauvisky))*

## LATEST COURSE CERTIFICATION

### **trend micro cybersecurity specialization – july 2019**

threat defense workshop: hybrid cloud edition