

contact

☎ +81 80 (4449) 2411

✉ daniel@perez.sh

🌐 <https://tuvistavie.com>

f [fb://tuvistavie](https://tuvistavie)

🐙 [gh://tuvistavie](https://tuvistavie)

languages

French: native

English: fluent

TOEFL iBT 108/120

Japanese: fluent

JLPT N1 165/180

Spanish: intermediate

programming

Elixir, Python, Ruby

JavaScript, PHP

Haskell, Scala, Go

C, C++, Java, C#

work experience

Aug 2014 – *Founder and CTO of Claude Tech, Inc.*

Tokyo, Japan

Present

- Make our product Buildy profitable after ~2 years
- Project management in a team of 4-5 persons
- Backend development, mainly in Elixir and Ruby
- Frontend development in JavaScript
- Deploy and release management, build automation

Mar 2017 – *Freelance Programmer for Recruit Institute of Technology, Inc.*

Tokyo, Japan

Present

- Design and development in Python of Joybot, a chatbot system
- Development of chatbot natural language understanding module

Aug 2013 – *Freelance Programmer for Recruit Co., Ltd.*

Tokyo, Japan

Apr 2015

- Development of Usagi Note web API in Ruby
- Development of webservice backend in Java

Jan 2013 – *Software engineer at Institute of Information Technology, Inc.*

Tokyo, Japan

Aug 2014

- Joint research with Institute of Information Security on Linux security. Kernel patches and modules development
- Image recognition algorithms development for billiard game analysis software with C# and OpenCV
- Backend and frontend development of Tokyo University Online Course Catalogue in PHP and JS

Oct 2013 – *Software engineer at Fringe 81 inc*

Tokyo, Japan

Feb 2014

- Design of a log analysis system to switch from batch processing to realtime analysis
- Development in Java of the log analysis system

Oct 2012– *Software engineer internship at GREE, Inc.*

Tokyo, Japan

Dec 2012

- Development of flare, a key/value store written in C++
- Development of a blob storage written in Haskell

Apr 2011– *CTO at Aetel, Inc.*

Tokyo, Japan

Aug 2012

- Web service JS frontend and PHP backend development
- Project management in a small team

education

Apr 2014 – *Master of Computer Science at The University of Tokyo*

Tokyo, Japan

Mar 2018 *two gap years to work on my startup*

(expected) Specialization in programming language analysis.

Currently working on source code clone detection using machine learning based approach.

Apr 2013 *Bachelor of Computer Science at Waseda University*

Tokyo, Japan

Specialization in operating systems and distributed systems. Graduated as Computer Science department representative

Jun 2008 *French Baccalauréat with high honours*

Paris, France

Scientific series with physics specialization

awards

- June 2015 **Paypal Battlehack 2015 Japan winner and world finalist** Tokyo, Japan
Developed TalkNPick, a video editing system which automatically tracks audio input fluctuations and extracts the most important segments in a video.
Worked on the sound recognition and video processing server.
- Feb 2015 **Open Hack Day Japan 3 Intel and Ricoh awards** Tokyo, Japan
Developed IoTISSUE, a tissue box which self-drives and pops out a tissue for sneezing persons.
Worked on the sound recognition algorithm and motor control.
- Mar 2014 **TBS TV Hack Day perfection award, PUX and Gracenote awards** Tokyo, Japan
Developed Conductor, a system which enables to control TV with just one finger by using Leap Motion.
Worked on the finger tracking algorithm and the control server.
- Feb 2014 **Open Hack Day Japan 2 winner and IDCf award** Tokyo, Japan
Developed SmartWalk, an application which helps people walking safely while looking at their phone.
Worked on the motion detection algorithm and the real time notification system.

activities

- Apr 2016– **Tech talks about Elixir programming language** Tokyo, Japan
Present Talked at Japan Elixir conference ElixirConf and gave various talks at Japan's largest Elixir meetup tokyo.ex.
- Jun 2014 – **Selected for Mitoh program 2014** Tokyo, Japan
May 2015 Granted ~20k\$ by Japan Information-technology Promotion Agency to develop Buildy, a service to help small businesses to easily create and customize their own mobile website and application.
- Oct 2013– **Programming and computer science seminars** Tokyo, Japan
Aug 2014 Organized study meetings for Life is Tech teachers. Taught about topics such as UNIX, git and web development with Rails.

projects

- Jan 2015 – **Atomic Chrome**
Present Developed an Atom editor and Google Chrome plugin to live edit textareas directly in Chrome. Plugin now has ~50k downloads and has been on Hacker News top and Atom featured packages.
- Mar 2013– **X server in Web Browser**
Aug 2013 Developed a system to run an X server directly in a browser by using Canvas rendering and duplex communication with the remote server through web sockets.

interests

professional: programming language design, functional programming
personal: table tennis (2nd best player in Paris back in time)