

# Daniel Perez



## contact

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## 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

- Project management in a young agile team
- Backend development, mainly in Elixir and Ruby
- Frontend development in JavaScript
- Deploy and release management, build automation

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

Jul 2013 – *Programming teacher* at **Life is Tech, Inc.**

Tokyo, Japan

Aug 2014

- Computer science and programming (mainly Android development) tutoring for junior high school and high school students

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 **Tokyo University**

Tokyo, Japan

Sep 2014

*in gap year to setup my startup*

Specialization in programming language design

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.

## projects

- Jan 2015 – **Atomic Chrome**  
Present Developed an Atom editor and Google Chrome plugin to live edit textareas directly in Chrome. Plugin now has 10k+ users 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.

## activities

- Apr 2016– **Tech talks about Elixir** Tokyo, Japan  
Present Giving various talks at Japan's largest Elixir meetup [tokyo.ex](http://tokyo.ex).
- Jun 2014 – **Selected to Mitoh program 2014** Tokyo, Japan  
May 2015 Developed Buildy, a web service to help small businesses to serve their customers better by allowing them 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.

## interests

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