

PASCAL BAILLEHACHE

French, male, 41 years old.
Japanese permanent resident.
Living in Kyoto.

Trilingual, Applied Mathematics Software
Engineer.

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PROFESSIONAL EXPERIENCE

- from 2018 *Rist* employee, Kyoto, Japan
Integration of neural networks into embedded systems for industrial automation.
- from 2012 *Freelance software engineer*, Kyoto, Japan
Development of **Soft., Web app.** and **Websites**. Some translation works.
- from 2009 to 2018 *Freelance photographer*, Japan
Sold over 70.000 pictures of Japan as postcards in hostels and libraries.
- from 2013 to 2018 *Human Academy part time employee*, Kyoto, Japan
Working as a **Model Student** during training session for Japanese language teachers.
- from 2013 to 2016 *Ibisoku* employee, Kyoto, Japan
Archaeological fieldwork, digitization of field survey data, and hardware and software development.
- from 2010 to 2012 *J-Stay* employee, Kyoto, Japan
Worked as real estate agent, in charge of **reservation management, contract and rent management, landlord and tenant support, bookkeeping, website management, traduction, apartment cleaning and maintenance.**
- from 2007 to 2010 *J-Hoppers* employee, Hiroshima (1 year) and Osaka (2 years), Japan
Worked as receptionist in a backpackers hostel, in charge of **reception duty, room cleaning, reservation management, website management, traduction, party organization, maintenance.**
- 2006 (9 months) *Buruderu* employee, Kyoto, Japan
Worked as baker, involved in **bread and pâtisserie making.**
- from 2003 to 2005 *Japan Expo* volunteer, Paris, France
Volunteer on a Japanese cultural festival, **stand coordination, logistics, stand design, cashier.**
- from 2001 to 2005 *Assystem Etudes* employee, Paris, France
Worked for EADS-LV society, in charge of **softwares processing results from Ariane 5 space launcher flight simulator**, and in charge of **launcher internal equipments and behaviours simulation software.**
- 2000 (4 months) Internship at *GIREF mathematical research centre*, Québec, Canada
Research on **correction of Pseudo-Tocher interpolation coefficients.**
- 1999 (6 months) Internship at *COMSIS telecommunication and signal processing research centre*, Paris, France
Worked on **implementation of H.225.0 multimedia telecommunication protocol.**
- 1997 (2 months) Internship at *CREC marine biology research centre*, Luc s/ Mer, France
Worked on **automated processing of results from biological experiments.**

SKILLS

<u>WEB</u> : HTML, PHP, JavaScript, CSS. <u>Computer graphics</u> : POV-Ray. <u>Database</u> : MySQL. <u>Languages</u> <u>French</u> : native language. <u>Japanese</u> : JLPT level 2 in 2008. <u>English</u> : TOEIC 970/990 points in 2013.	<u>Computer science</u> <u>Programming</u> : C, C++, Java, ... <u>Programmer ranking</u> : 70/801333 worldwide, 2/15312 in Japan on CodinGame. <u>Driver's license</u> <u>French</u> : category B. <u>Japanese</u> : category Standard. Both clean.	<u>Versioning</u> : GitHub, CVS. <u>System</u> : Linux, Windows. <u>Office tools</u> : Latex, LibreOffice, MS Office. <u>Photography</u> <u>Shooting</u> : Landscape, Building, Events. <u>Editing</u> : Gimp, Photoshoph. <u>Publishing</u> : Postcards, Blurb, Web.
<u>Tourism</u> <u>Reception, Information, Reservation.</u>	<u>Events</u> <u>Logistics, Coordination, Design.</u>	<u>Estate</u> <u>Maintenance, Cleaning, Management.</u>

EDUCATION

- 2006 (6 months) Japanese language intensive course at **Kyoto Center for Japanese Linguistic Studies**, Kyoto, Japan.
Graduated in April 2006.
- 2005 (2 months) Japanese language intensive course at **Institut Japonais** private language school, Paris, France.
- 1997-2000 Student at the **ISIMA** College of Engineering in Computer Science, Modelling and Applications, majoring in **scientific calculation and modelling**, Clermont-Ferrand, France. Graduated in September 2000.
- 1995-1997 DUT Information Technology (equivalent of a **HND** : 2 years technical qualification in a technological college), Caen, France. Graduated in May 1997.
- 1995 Baccalauréat (**High School Graduation**) in Mathematics and Science. Graduated in May 1995.

ACTIVITIES AND INTERESTS

<u>Artificial intelligence</u> Development of a AI algorithm in C++. Researching since 10+ years. Documented by a report of 180 pages. <u>Blog writing</u> 900+ articles about Japan from 2005 to 2013. Daily publication in 2007. Up to 100+ readers per day.	<u>Cycling</u> 700km across Shikoku in 2012, 400km across Kyushu in 2013, 450km across Honshu in 2015. <u>Hiking</u> Hiked in Guadeloupe, Gomera, Scotland, Norway, Ireland, ... President of the hiking club of my university during 3 years.	<u>Game of Go</u> 5kyu on DGS. Participation in several tournaments in France. <u>Others</u> Several RPG scenarios, including a 60 pages medieval-fantastic campaign. Learning Kanjis, Cooking, Reading, Handicrafts, Museums, Roller-skating.
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