

44 years old, born in Papeete, Tahiti, French Polynesia

Tokyo-To, 153-0062, MeguroKu, Mita 2-10-59-503

david.thevenin@gmail.com

+82 (0) 80 7690 9535

d_thevenin

<https://github.com/dthevenin>

David THEVENIN, Ph.D.



User Interface architect for interactive systems and mobile services.

I am interested in new technologies that improve accessibility of new services in mobile environment and that reduce the gap between the user and the computer; among them, mobile devices, Web Technologies, NLU, or more generally ML.

EXPERIENCES

December 2016 - present: Dev team lead and management + Senior R&D at BESPOKE

- Manage and lead the engineering team (5 developers)
- Implement the whole Web ChatBot (Client and server side[NodeJS&Ruby])
- R&D related to the NLP and Bot Analytics (NLP dialog, Stats, Sentence classification)

November 2012 - August 2016: R&D and Consulting at IGEL

- Consulting for NTT or NEC to enhance the code quality and performance of their mobile applications (iOS and Android applications).
- R&D
 - Design and implementation of a prototype for a Remote Rendering and Point Data Cloud rendering
 - new technologies such as WebGL, Live programming and debug, BLE for the Web.

Mid 2013 - End 2014: Co-Founder at WakuWaku

WakuWaku is a 5 founders advertising company, that proposes a technology based on gamification, in order to push advertising and coupon to the final user.

I was in charge of developing the mobile application on iOS and Android. I took part in the server side platform development too.

May 2009 - November 2012: Founder at ViniSketch

ViniSketch is a software house focused on developing a new kind of authoring tool for creating cross-devices applications.

The company grows to 3 people and was incubated by Paristech Arts&Metiers - www.ensam.eu

November 2006 - April 2009: Senior Researcher at Expway, Paris

- Hanabi Lead architect and developer, a solution for delivering application for SetTopBoxes through a MPEG stream
- French and European project coordinator for Expway:
- Active work within WellCom (European ITEA Project)
Metadata delivery, Video and metadata synchronization, SetTopBox GUI

November 2004 - November 2006: PM and Researcher at IntuiLab, Toulouse

- Product Manager and Lead architect & developer of IntuiKit C++ / Perl
- Coordinator for IntuiLab at European Project EMode
Design and tools development for multimodal and adaptative HCI
- Lead consulting for The Directorate General for Civil Aviation (French: Direction Générale de l'Aviation Civile, DGAC)
Understanding how to enhance tests and evolutions process into the flight Control software (ODS)

April 2002 - April 2004: Visiting Researcher at NII, Tokyo

JSPS Fellow, post-doctorate program

- Design and Deployment of a dictionary web platform, cross-devices compatible.
- Web Presentation adaptation based on a numerical constraints solver.
- Project management.

October 1998 - December 2001: University Joseph Fourier, Grenoble I, France

Human Computer Interaction Ph.D. Thesis.

“Adaptation en Interaction Homme Machine : le cas de la Plasticité”

Adaptation of Man-Machine interaction: the case of Plasticity.

EXPERTISE & SKILLS

R&D: Software Architecture, HCI, Mobile computing

- HCI, UI generation, UI Architecture and Software design for UI
- Toolkit design & development
- Model Driven Architecture and Generation
- Cross-platform management and GUI design

Start-up creation: ViniSketch (2009), WakuWaku (2013)

- Lean-development
- Public funding
- Market development

Projects management

- Dev Team lead
- Consulting
- European research project
- Development

C.S. Expert

- JavaScript - HTML/CSS - JS ES6
- NodeJS
- ReactJS - Redux

C.S. knowledge / recent

- Deep learning (image classification, Text / NLU)
- Infra (AWS, Docker, ...)

EDUCATION

| | |
|--------------------------------------|---|
| October 1998 - December 2001 | Computer Science Ph.D. Thesis University Joseph Fourier, Grenoble I, France |
| October 1995 - September 1998 | Assistant researcher University Joseph Fourier, Grenoble I, France University of Laval-Québec Canada |
| October 1997 - September 1998 | DEA in Computer science, Master degree University Joseph Fourier, Grenoble I, France |
| October 1995 - September 1997 | Under graduate studies in Computer Science University Joseph Fourier, Grenoble I, France University of Laval-Québec Canada |