

# Hadrien Bertrand

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## Education

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<b>Télécom ParisTech / Philips Research Medisys</b> <i>PhD</i> Deep Transfer Learning for Multi-Modality and Multi-Task Anatomical Awareness	<b>Paris</b> 2015–2018
<b>KTH Royal Institute of Technology</b> <i>Exchange Student (ERASMUS)</i> Specialisation in AI and machine learning.	<b>Stockholm</b> 2014–2015
<b>Grenoble INP ESISAR</b> <i>Master's degree</i> Specialisation in computer science and networks.	<b>Valence</b> 2010–2015
<b>Lycée Saint-Joseph</b> <i>High School Diploma</i> Specialisation in mathematics.	<b>Avignon</b> 2007–2010

## Experience

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<b>Institut de Neurosciences de la Timone</b> <i>Internship</i> I worked on a new Multi-Voxel Pattern Analysis method which uses a graph-based classification method. It extracts graphs from fMRI data, which are then classified by a SVM using a specialised kernel.	<b>Marseille</b> February 2015 – July 2015
<b>Ingenico, R&amp;D department</b> <i>Industrial Project</i> Leader in payment solutions, it designs and provides secure payment services and terminals. My work was to study state-of-the-art code analysis tools in order to evaluate the feasibility of checking specific rules provided by Ingenico and developing a prototype.	<b>Valence</b> January 2014 – June 2014
<b>Kizeo</b> <i>Internship</i> It is a small company who develops B2B software for smartphones and notably a CRM solution. I worked on a custom-made Android application which allows the user to browse through the catalogue of the client company.	<b>Avignon</b> June 2012 – August 2012
<b>Veolia Transport Valence</b> <i>Freelance</i> This company runs the bus network in Valence and is a subsidiary of Veolia. I developed an application on Android which allows the users to access the bus network map and bus schedule easily.	<b>Valence</b> November 2011 – Mars 2012

## Languages

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<b>French:</b> Mother tongue	
<b>English:</b> Fluent	TOEIC score: 990/990 - Level C1

## Computer skills

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**Programming languages:** C, Java, Python  
**Artificial Intelligence**  
**Machine Learning:** deep learning, graphical models  
**Code Analysis Tools:** Klocwork, CODAN (Eclipse)  
**Networks:** setup and administration  
**Misc.:** Android, Unix, SQL, Matlab, LaTeX, Git, UML, web development