

Associate Professor  
Department of Computer Science  
Institut Supérieur d'Électronique de Paris

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#### ACADEMIC POSITIONS

08/2017 – **Institut Supérieur d'Électronique de Paris (ISEP)**, Paris, France  
Associate Professor of Computer Science  
Department of Computer Science  
LISITE Research Laboratory

#### EDUCATION

10/2013 – 09/2016 **Université Grenoble-Alpes**, Grenoble, France  
Ph.D. in Computer Science and Educational Technologies  
Dissertation: *Chao: Un framework pour le développement de systems d'orchestration d'EIAH sur tablettes en classe*  
Advisors: Pierre Tchounikine, Matthieu Quignard  
Jury: Mireille Bétrancourt, Serge Garlatti, Thierry Nodenot

09/2010 – 09/2013 **Institut Supérieur d'Électronique de Paris (ISEP)**, Paris, France  
MEng in Computer Science and Software Engineering

#### PRIOR EMPLOYMENT

10/2016 – 06/2017 **The Open University**, Milton Keynes, United Kingdom  
Postdoctoral Research Associate  
Knowledge Media Institute (KMi)

10/2013 – 09/2016 **Université Grenoble-Alpes**, Grenoble, France  
Ph.D. Candidate in Computer Science  
Grenoble Informatics Laboratory – MeTAH research group

03/2013 – 09/2013 **ACENSI S.A.**, Paris, France  
Software Engineer Intern – .NET developer

09/2012 – 12/2012 **Høgskolen i Oslo og Akhershus (now OsloMet)**, Oslo, Norway  
Visiting Research Student in the Universal Design of ICT Laboratory

07/2011 – 12/2011 **EADEM Sarl**, Paris, France  
Software Engineer Intern – iOS developer

#### PEER-REVIEWED PUBLICATIONS

Note that in many areas within computer science and human-computer interaction, *conferences* (not journals) are the primary venues for peer-reviewed publications.

#### CONFERENCE PAPERS

C3. Grégoire Fessard, Ilaria Renna, **Patrick Wang**. Comparing the effects of using a tangible object or a simulation in learning elementary CS concepts: a case study with block-based programming. In Proceedings of ACM SIGCSE 2019: *SIGCSE Technical Symposium*, Feb. 2019

C.2 **Patrick Wang**, Pierre Tchounikine and Matthieu Quignard. A Model to Support Monitoring for Classroom Orchestration in a Tablet-Based Activity. In Proceedings of ECTEL 2015: *European Conference on Technology-Enhanced Learning*, Sept. 2015

C.1 **Patrick Wang**, Pierre Tchounikine and Matthieu Quignard. Orchestration Issues Raised by Transposing an Individual Paper-Based Activity into a CSCL Tablet-Based Activity: An Example. In Proceedings of CSCL 2015: *International Conference on Computer Supported Collaborative Learning*, Jul. 2015

#### JOURNAL ARTICLES

J.1 **Patrick Wang**, Pierre Tchounikine and Matthieu Quignard. Chao: a framework for the development of orchestration technologies for technology-enhanced learning

	activities using tablets in classrooms. In <i>IJTEL: International Journal on Technology-Enhanced Learning</i> , 2018.
WORKSHOP PAPERS	<p>W.2 <b>Patrick Wang</b>, Rafael Angarita and Ilaria Renna. Is this the Era of Misinformation yet: Combining Social Bots and Fake News to Deceive the Masses. In <i>Companion Proceedings of the Web Conference 2018</i>, Apr. 2018.</p> <p>W.1 <b>Patrick Wang</b>, Ilaria Renna, Frederic Amiel and Xun Zhang. Learning with Robots in CS and STEM Education: A Case Study with ISEP-ROB0. In <i>Proceedings of Robots for Learning: Workshop at ACM/IEEE Human Robot Interaction</i>, March 2018.</p>
	<b>SERVICE</b>
PROGRAM COMMITTEE MEMBER	<ul style="list-style-type: none"> <li>• Reviewer for CSCL 2019 (Computer Supported Collaborative Learning)</li> <li>• Reviewer for CompEd 2019 (ACM Global Computing Education Conference)</li> <li>• Reviewer for SIGCSE 2019 (ACM SIGCSE Technical Symposium)</li> <li>• Reviewer for TALE 2018 (IEEE Teaching, Assessment and Learning for Engineering)</li> </ul>
	<b>TEACHING</b>
TRACK SUPERVISOR	<ul style="list-style-type: none"> <li>• French Software Engineering specialization track (since Fall 2018)</li> <li>• International Software Engineering specialization track (since Fall 2018)</li> </ul>
INSTRUCTOR	<ul style="list-style-type: none"> <li>• II.3510: Mobile Development in Android (Fall 2017, Fall 2018)</li> <li>• II.1102: Algorithms and Java Programming (Fall 2018)</li> <li>• II.1101: Web Development Project-Based Learning (Fall 2017, Fall 2018)</li> <li>• CT.1103: Introduction to CS and Programming in Python (Fall 2017)</li> </ul>
COURSE SUPERVISOR	<ul style="list-style-type: none"> <li>• II.3516: Programming Languages and Compilers (Fall 2018)</li> <li>• II.3518: Formal Methods (Fall 2017, Fall 2018)</li> </ul>
TEACHING ASSISTANT	<ul style="list-style-type: none"> <li>• II.2306/II.2406: Web Technologies with Java EE (Fall 2017, Spring 2018)</li> <li>• ENEPS – Undergraduate Mathematics (Fall 2014, Spring 2015, Fall 2015)</li> <li>• ENEPS – Introduction to CS and Programming in C (Fall 2014, Spring 2015, Fall 2015)</li> </ul>