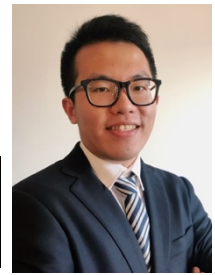


# YANGTAO WANG



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## EDUCATION AND QUALIFICATIONS

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<b>Université Grenoble Alpes – Grenoble</b> <b>Master MOSIG(Master of Science)</b> : Graphics, Vision and Robotics Rank: 4th/71	2019-2020
<b>ENSIMAG - Grenoble</b> <b>Engineer:</b> Information Systems Engineering	2017-2020
<b>IUT Orsay - Université Paris-Sud - Orsay</b> <b>DUT:</b> Computer Science	2015-2017

## COMPUTER SCIENCE RELATED EXPERIENCE

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<b>Conversational Description of Manipulation Activities</b> <b>LIG, M-PSI team</b> – Saint Martin d'Hères, France <b>Supervisors:</b> James Crowley, Dominique Vaufreydaz	Oct. 2020 – Dec. 2023
<ul style="list-style-type: none"><li>• Mastering and improving the Transformer model in computer vision.</li><li>• Creating a Multimodal Perception system with Transformers to answer questions such as What, Where, How, When and Why.</li></ul>	
<b>Multimodal Observation of Students Acquisition of Math Concepts and Skills</b> <b>Inria, Pervasive team</b> – Montbonnot, France <b>Supervisors:</b> James Crowley, Philippe Dessus	Feb. 2020 – July 2020
<ul style="list-style-type: none"><li>• Evaluating the effectiveness of stimulating eye movement to guide students' attention during online learning.</li><li>• Data collection and analysis on R.</li></ul>	
<b>Emotional sound project</b> <b>Hoomano</b> – Lyon, department of development	May 2019 – Sep. 2019
<ul style="list-style-type: none"><li>• Creating a sound bank of onomatopoeia (Faust).</li><li>• Creating a Text to Speech module (Python).</li><li>• Creating an interaction engine on Afobot 2 (Python)</li></ul> <p>Demo : <a href="https://youtu.be/twaJzYDbpG0">https://youtu.be/twaJzYDbpG0</a></p>	

## IT SKILLS

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<b>Computer Language:</b> Python, C, R, Java, Faust	<b>Database:</b> Oracle, MySQL
<b>Web Language:</b> HTML, CSS, PHP	<b>Development Software:</b> IntelliJ, Atom, Rstudio,
<b>Machine Learning for AI:</b> pytorch, GPU clusters	Eclipse, Xcode, Visual Paradigm, Visual Studio,

## Languages

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- Chinese: mother language
- French: B2 fluent
- English: TOEFL 99