

# Jiangnan HUANG

Ph.D. candidate in AI&SE

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## Education

07/2021	<b>PRAIRIE/MIAI Artificial Intelligence Summer School (P.A.I.S.S.)</b> Organized by INRIA and institutes PRAIRIE & MIAI, Paris, France
09/2020 ~ 08/2021	<b>Master 2 Artificial Intelligence (Grades 15.771/20 Mention Bien)</b> Université Paris-Saclay, Orsay, France
09/2019 ~ 08/2020	<b>Master 1 Computer Science (Grades 15.418/20 Mention Bien)</b> Université Paris-Saclay, Orsay, France
09/2014 ~ 06/2018	<b>Bachelor of Opto-electronic Information Science and Engineering (GPA 3.67 Graduated with high honors &amp; First-class Scholarship)</b> Huazhong University of Science and Technology, Wuhan, China

## Professional experiences

01/2022 ~ 10/2022	<b>Looking for a Ph.D. position</b> <i>Location: Stay at home, 25 Rés du Parc, 91300 Massy, France.</i>
10/2021 ~ 01/2022	(Job) <b>Research engineer – Huawei Technologies France</b> - Tested and maintained the current Virtual Machine Schedule (VMS) System - Designed a new VMS System based on Reinforcement Learning <i>Location: 18 Quai du Point du Jour, 92100 Boulogne-Billancourt, France</i>
03/2021 ~ 08/2021	(Internship) <b>Research intern – Group HUMANIA, INRIA/LISN</b> - Studied the trade-off between privacy and utility of some existing ML models. - Designed and implement an LTU Attacker for Membership Inference Attack (MIA) <i>Location: 660 Av. des Sciences Bâtiment, 91190 Gif-sur-Yvette, France</i>
06/2019 ~ 08/2019	(Internship) <b>Assistant Data Scientist / Project Manager – Huawei Technologies France</b> - Developed indexing robots and other tools to automate management works <i>Location: 18 Quai du Point du Jour, 92100 Boulogne-Billancourt, France</i>

## Publications

02/2022	J. Pedersen, R. Muñoz-Gómez, J. Huang, H. Sun, W.-W. Tu, I. Guyon, LTU Attacker for Membership Inference, 2022. <a href="#">Workshop WorkingPaper</a>
06/2021	J. Huang, Z. Chen, N. Dupin, Comparing local search initialization for k-means and k-medoids clustering in a planar Pareto Front, a computational study, 2021, Springer. <a href="#">Conference WorkingPaper</a>

## Skills

<b>Programming</b>	Languages mostly used : Python, C++, SQL, Latex, Markdown Languages used : Java, Matlab, OCaml, JavaScript Data bases used : MySQL, PostgreSQL, Redis, Neo4j, MongoDB Machine Learning tools : Pytorch, Tensorflow, sklearn			
<b>Languages</b>	- Chinese	Mother tongue	- English	B2 (TOEIC 790/990)
	- French	B2 (TFI 780/990)	- Japanese	Studying at A2 level

## Personal

<b>Photography</b>	Good knowledge in Photoshop / Lightroom
<b>Sports</b>	Roller Skating (Athlete level in China) / Power Lifting / Rock Climbing