Tallulah Gilliard

Master in Human-Computer Interaction (HCI)
KTH University Stockholm / Paris-Saclay

Personal informations

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🐙 github.com/tgll

🔗 tgll.github.io/pages/about

Education

2017 > 2019
Master HCID — univ. Paris-Saclay / KTH Stockholm
http://bit.do/programme_hcid

2016 > 2017
Technical degree in Computer Science —
Bordeaux

2013 > 2016
Bachelor in Applied Mathematics and Cognitive
Sciences — Bordeaux

2013
French Baccalauréat - Lycée Montaigne, Bordeaux

Interests

Machine Learning / AI / DL

Human Computer Interactions

Mixed Reality

$P(A|B)$ Bayes Theorem

Drawing / Art / Reading

Surf / Martial Arts / Climbing

> Hello world !

I have graduated this October with a Master's degree in Human Computer Interaction from Université Paris-Saclay and KTH University (Stockholm). I'm ready to start an exciting new job as a Machine Learning Engineer / Computational Neuroscientist !

I am interested in Machine Learning and Differentiable programming applications, Neurosciences, Neuroinformatics, Reinforcement Learning, Computer Vision, Robotics, Mathematical modelling, NLP and Tangible Interfaces.

Skills

Coding : Python (+libraries: numpy, sklearn, pandas, tensorflow, keras, pytorch), Java, R, Processing, Matlab, Maple, Databases, Git, Raspberry, web
Mathematics : Multivariate Statistics, Calculus Analyse, Linear/non-linear Algebra, Probabilities, Dynamical Systems, Biomathematics, Graphs Theory, Logic
Cognitive Sciences : Neurobiology, Neuroanatomy, Linguistics, Cognitive Psychology, Philosophy, Ergonomics, UX
Others : Research (scientific reading/writing, protocols, experiments..), Design, Group work, Business & Entrepreneurship
Languages : French (native), English (fluent), Japanese (7 years), Spanish (5 years), Swedish (1 year)

Experiences

INRIA Flowers (2019, 6 months, Bordeaux) Robotics for Education, building small robots (python) and robotic activities (snap!), running experiments with users, exploration algorithms
EIT digital (2018, 1 month, Lisbon) Healthcare, IoT, business
INRIA Potioc (2018, 1 month, Bordeaux) tangible interface, energy, Data visualisation, IoT, Python, Raspberry Pi
Ultrahaptics (2017, 3 months, Brighton UK) haptics, HCI, Mathematical modelling of acoustic ultrasound waves, Data analysis/pre-processing, python, java, COMSOL
Akiani (2016, apprenticeship 1 semester, Bordeaux) Human Factors (expertise/motion detection) protocol and running experiment, eye-tracking data (Tobii studio)
INCIA (2014, 1 month, Bordeaux) auditive perception, python
Cap Science (2011, 2 weeks, Bordeaux) activities organisation

Associative Experiences

WORLD.MINDS (2019 > now) — Volunteer
FRESCO* (2016 > 2018) — Vice-president, Vice-secretary
* French federation of students and researchers in cognitive sciences
Enhance relationships between cognitive sciences structures in France, organisation of "Colloque des Jeunes Chercheurs"
Mindlab (2016 > 2018)
Open-lab in Bordeaux, organisation of workshops and hackatons, open-science projects, ML, lucid dreams, …
DjangoGirls (2016 > 2017) — Coach
Coach for beginner coder girls
ASCOERGO* (2013 > 2016) — Vice-president, Vice-secretary
* Student association of cognitive sciences and ergonomy in Bordeaux
Organiser of the Artificial Intelligence conference of Bordeaux in 2016 and monthly conferences.
TEDx Université de Bordeaux (october 2014 > april 2015)