



Tallulah Gilliard

Master in Human-Computer
Interaction (HCI)

KTH University Stockholm / Paris-Saclay

Personal informations

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github.com/tgll

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



Drawing / Art / Reading



Surf / Skate / Martial Arts

Hello world !

I will graduate 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, Mathematical and bioinformatics modelling, Reinforcement Learning, NLP, Computer Vision, Robotics 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

INTERNSHIPS

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 levitation waves, Data analysis, 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

ASSOCIATIONS

FRESCO* (2016 > 2018) — Vice-president, Vice-secretary

* French federation of students and researchers in cognitive sciences
Enhance relationships between cognitive sciences structures, events in France, communication around cognitive sciences organisation of "Colloque des Jeunes Chercheurs" (CJC)

Mindlab (2016 > 2018)

Open-lab in Bordeaux, organisation of workshops and hackatons, open-science projects, ML, lucid dreams, ...

DjangoGirls (2016 > 2017)

Coach for beginner coder girls

ASCOERGO* (2013 > 2016) — Vice-president, Vice-secretary

* Student association of cognitive sciences and ergonomics in Bordeaux
Organiser of the Artificial Intelligence conference of Bordeaux in 2016 and monthly conferences.

TEDx Université de Bordeaux (october 2014 > april 2015)