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

$P(A|B)$ Bayes Theorem

Drawing / Art / Reading

Surf / Martial Arts / Climbing

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, Reinforcement Learning, Computer Vision, Robotics, Mathematical modelling, 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 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

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 ergonomy in Bordeaux
Organiser of the Artificial Intelligence conference of Bordeaux in 2016 and monthly conferences.
TEDx Université de Bordeaux (october 2014 > april 2015)