CÉDRIC FOUCAULT

cedric.foucault@gmail.com

EDUCATION

2020 – present	**PhD student in Cognitive Computational Neuroscience** supervised by Florent Meyniel, Computational Brain Team in the Cognitive Neuroimaging Unit, NeuroSpin, CEA (France) with Sorbonne University
2018 – 2020	**M.S. Research in Cognitive Science (CogMaster)** ENS Paris, Université de Paris	highest honors (mention très bien)
2012 – 2014	**M.S. Research in Computer Science & Human-Computer Interaction** ENS Paris-Saclay, University Paris-Saclay	highest honors (très bien)
2011 – 2012	**B.S. in Computer Science** ENS Paris-Saclay, University of Paris	highest honors (très bien)
2010 – 2011	**B.S. Electrical & Telecommunications Engineering** ENS Paris-Saclay, University Paris-Saclay	highest honors (très bien)
2008 – 2010	**Classes Préparatoires: MPSI, PSI* (Math, Physics, Engineering)** Lycée Fénelon Sainte-Marie. Scientific training to enter top French engineering schools after highly selective national competitive exams.

WORK AND RESEARCH EXPERIENCE

Industry

02/2015 – 01/2018	**Apple	Maps, Core User Interface Team** Software Engineer	Cupertino, California, U.S.
03/2014 – 09/2014	**Siemens Research	User Experience Group** Software Engineer/Prototyper, Intern	Princeton, New Jersey, U.S.

Academia

10/2019 – 06/2020	**Research intern at NeuroSpin** supervised by Florent Meyniel, Computational Brain Team in the Cognitive Neuroimaging Unit, NeuroSpin, CEA (France)
10/2018 – 06/2019	**Research intern at Integrative Neuroscience & Cognition Center** supervised by Claire Sergent, Vision Group, INCC (France)
04/2013 – 08/2013	**Research intern at UC Santa Cruz** supervised by Sri Kurniawan, ASSIST Lab, UCSC, California (U.S.A.)
06/2012 – 08/2012	**Research intern at Inria Grenoble** supervised by Radu Patrice Horaud, Perception Group, Inria (France)

PUBLICATIONS

Foucault, C., & Meyniel, F. (2021). "Gated recurrence enables simple and accurate sequence prediction in stochastic, changing, and structured environments". *eLife*.
doi: 10.7554/eLife.71801

Zheng, X. S., **Foucault, C.**, Matos da Silva, P., Dasari, S., Yang, T., & Goose, S. (2015). "Eye-wearable technology for machine maintenance: Effects of display position and hands-free operation". In *Proceedings of the 33rd Annual ACM Conference on Human Factors in Computing Systems* (pp. 2125-2134).

Foucault, C., Micaux, M., Bonnet, D., & Beaudouin-Lafon, M. (2014). "SPad: a bimanual interaction technique for productivity applications on multi-touch tablets". In *CHI'14 Extended Abstracts on Human Factors in Computing Systems* (pp. 1879-1884).

POSTER PRESENTATIONS

Foucault C. & Meyniel F. (2020, Sep 29 – Oct 1). "Learning to make Bayes-optimal predictions with recurrent neural networks" [Poster, Video, and Conference abstract]. Bernstein Conference 2020. doi [Conference abstract]: 10.12751/nncn.bc2020.0101

INVITED TALKS

Invited seminar speaker (online) at the Halassa Lab, MIT Department of Brain and Cognitive Sciences, Cambridge, MA, U.S.A, October 2021.

TEACHING

Teaching assistant for the "Programming for Cognitive and Brain Sciences" graduate course at the CogMaster (ENS), October 2021 – January 2022.

Teaching assistant for the "Programming for Cognitive and Brain Sciences" graduate course at the CogMaster (ENS), January – May 2021.

SUMMER SCHOOLS

Neuromatch Academy Deep Learning Summer School, interactive track. August 2021.

Neuromatch Academy Computational Neuroscience Summer School, interactive track. July 2020.