



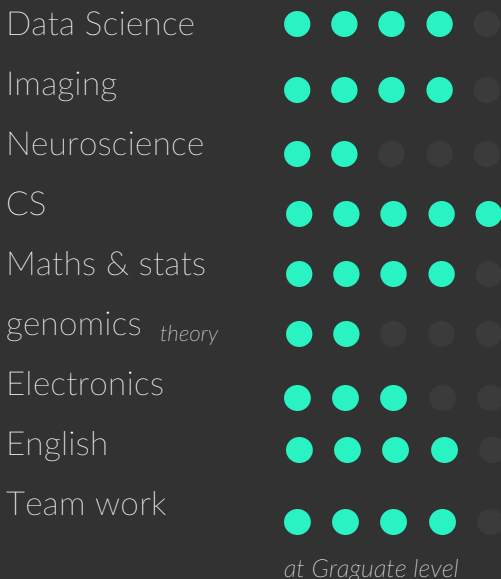
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Profile

Motivated graduate student in Biomed. Eng. & ML. Intern in Research & R&D companies.
 I wish to do a PhD. CEO at PiPle & leader of school associations, I am keen on project development and highly independent. I am interested in improving Genomics & Biomedical research thanks to data-science and machine learning.

Technical skills



Experience

Projects

- Developing comparison tools and notebooks for the Calcium Imaging Analysis software (CalmAn)
RESEARCH, IMAGING, ML, VISION 2017
- CEO of PiPle, a startup focused on bringing the next generation messaging application
PROJECT DEV, ENTREPRENEUR 2016 -
- Developing PyCUB, Master Thesis in ML for the Codon Usage Bias
ML, BIG DATA, RESEARCH, GENOMICS 2017 -
- Developing VCF2Ancestry, Hackathon for the BroadInstitute
ML, BIG DATA, GENOMICS 2018

Exchanges and Internships

- Internship at the Simons Foundation's CCB, a research facility in NYC under the supervision of Dmitri Chklovskii
ML, VISION, COMP. NEUROSCIENCE 2017
- An exchange semester in Mexico at TEC de Monterrey
STATS, OOP, CRYPTOGRAPHY 2014
- Intern at HighLife Med., a Parisian valve implant R&D start-up
SIMULATION, DATA ANALYTICS 2015

Additional & Societies

- Leader of the NoLarsen music Festival gathering 1500 people in Paris
Music Society
- Teacher of high school & undergraduate students weekly for 2 years
Teaching Society

Education

French Diplôme d'ingénieur, Biomed. Eng., ECE paris
PARIS, FRANCE 2013-2018

M.Sc. in Computational Intelligence, University of Kent
CANTERBURY, ENGLAND 2017-2018

Interests



- *CalmAn: An open source tool for scalable Calcium Imaging data Analysis*, Andrea Giovanucci, *eLife*, DOI:10.7554/eLife.38173
- *PyCUB: A machine exploration of the Codon Usage Bias*, Master Thesis. (superv. of Tobias Von der Harr & Dominique Chu) www.jkobject.com/projects/PyCUB.pdf
- *Hidden Patterns of the Codon Usage Bias*, Yun Deng, Jeremie Kalfon, Tobias Von der Harr, Dominique Chu, in review at *Nucleic Acid Research*, DOI:10.1101/478016