

Enhui HUANG

PhD student in LIX at
École Polytechnique

LIX, office 1020
1 Rue Honoré d'Estienne d'Orves
91120 Palaiseau, France
☎ +33 (0)7 82 99 21 93
✉ enhui.huang@polytechnique.edu

EDUCATION

- 09/2016-present **École Polytechnique, France.**
PhD student in LIX
Supervisor: Prof. Yanlei Diao, Prof. Anna Liu
Active Learning Methods for Interactive Exploration on Large Databases: investigate new active learning theory and optimization to achieve fast convergence and interactive performance in the setting of very large databases.
- 09/2015-08/2016 **École Polytechnique, France.**
M.Sc. Data Science
- 09/2011-06/2015 **Wuhan University, China.**
B.S. Mathematics Base Class, **GPA:3.63/4**

PUBLICATION

- VLDB2019** **E. Huang et al.,** *Optimization for Active Learning-based Interactive Database Exploration.*

EXPERIENCE

- 04/2016-08/2016 **Interactive Data Exploration at Scale, École Polytechnique, France, Research intern.**
Design new algorithms for dimensionality reduction in data exploration, and provide interactive performance according to user feedback on database samples as relevant or irrelevant to the user interest.
- 02/2016-03/2016 **Hand written digit recognition, École Polytechnique, France, Kaggle.**
Employed the combination of "Histograms of Oriented Gradients", "Least Squares Support Vector Machines" and "one against all" multi-class strategy to classify hand written digit images.
- 02/2016-03/2016 **Predict missing links in citation network, École Polytechnique, France, Kaggle.**
Reconstructed the initial citation networks (a graph where nodes are research papers and edges represent citations) using graph-theoretical, textual, and other information.
- 11/2015-01/2016 **Opinion Mining in movie reviews, École Polytechnique, France, Project team member.**
Utilized a cluster of machines running Apache Spark and a subset of text analytics techniques with the goal to categorize reviews within a pre-specified range of labels

SKILLS

- IT skills Proficient: Python, R, SAS Intermediate: SQL, Java, Latex, MATLAB
Languages Chinese (Mother tongue), English (Proficient), French (Basic)

AWARDS

- 2014-2015 Merit Scholarship, China Scholarship Council
2012-2014 Merit Student of Wuhan University
2013 Chinese National Scholarship
2013 1st prize in the Preliminary Contest of the 5th Chinese Mathematics Competitions