

## PERSONAL INFORMATION

### Tien Duc CAO

📍 17 rue Dampmart  
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## SUMMARY

Interested in using machine learning and NLP to solve practical problems.

## SKILLS SUMMARY

Technologies: Machine Learning, Deep Learning, Android, iOS, Hadoop, Spark, Flink  
Languages: Python, Java, Scala, Objective-C, Swift, Node.js  
IDEs: Android Studio, IntelliJ IDEA, Eclipse, XCode  
Source control: git, svn

## PUBLICATIONS

- Tien Duc Cao, Ioana Manolescu, Xavier Tannier. [Searching for Truth from a Database of Statistics](#). WebDB @SIGMOD, June 2018, Houston, USA.
- Tien Duc Cao, Ioana Manolescu, Xavier Tannier. [Extracting Linked Data from statistic spreadsheets](#). SBD @SIGMOD, May 2017, Chicago, USA.
- Raphaël Bonaque, Tien Duc Cao, Bogdan Cautis, François Goasdoué, Javier Letelier, et al.. [Mixed-instance querying: a lightweight integration architecture for data journalism](#). VLDB, Sep 2016, New Delhi, India.

## EDUCATION

10/2016 – present

### PhD student

[INRIA Saclay Ile-de-France, CEDAR team](#), Palaiseau, France

- PhD topic “Knowledge extraction and linking applied to data journalism”
- Supervisors: [Ioana Manolescu](#) and [Xavier Tannier](#)

07/2017

### Lisbon Machine Learning summer school

[Lisbon](#), Portugal

- Machine Learning applications in NLP

04/2016 – 09/2016

### Intern

[INRIA Saclay Ile-de-France, CEDAR team](#), Palaiseau, France

- Topic “Toward automatic topic assignment for news article”
- Supervisors: [Ioana Manolescu](#) and [Xavier Tannier](#)

09/2015 – 02/2016

### Master Data & Knowledge

[Telecom ParisTech](#), Paris, France

- Big data frameworks: Hadoop, Spark, Flink
- Machine learning, data mining

09/2014 – 06/2015

### MBA in Responsible Management

[Audencia Nantes](#), Nantes, France

- Marketing
- Finance
- Corporate & business strategy

- 09/2007 – 04/2012 **Bachelor of Engineering in Computer Science (honors program)**  
Ho Chi Minh city University of Technology, Ho Chi Minh city, Vietnam
- Teaching assistant of Programming course
  - Programming languages: Java, C++, C#
  - Project management
  - Database
  - Data mining

## WORK EXPERIENCE

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- 03/2013 – 06/2014 **Senior Android developer (English-speaking environment)**  
Cogini (Ho Chi Minh city, Vietnam)
- Develop Android projects: Pic Collage (**50+ million** downloads) and Health2Sync (100k+ downloads).
  - Responsible for implementing new features, discussing with customer in Taiwan and U.S, reviewing code of other members in the team.
  - Support junior members of the team, providing advice and guidance.
- 05/2012 – 02/2013 **Android and iOS developer (English-speaking environment)**  
Gloops (Ho Chi Minh city, Vietnam)
- Develop Android and iOS games.
- 09/2011 - 04/2012 **Android and iOS developer (part-time, remote work)**  
Scopic Software (USA)
- Work on various Android and iOS projects.
- 02/2011 - 02/2012 **Android developer**  
VNG corporation (Ho Chi Minh city, Vietnam)
- Develop the instant message application (similar to Facebook Messenger) of Vietnamese social network Zing Me on Android platform.

## ADDITIONAL INFORMATION

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- Language skills
- English: working proficiency
  - French: working proficiency
  - Vietnamese: mother tongue

- Awards
- Startup Weekend Artificial Intelligence 48 hours hackathon: **1<sup>st</sup> prize**
  - Mobile Devcamp 2011 (24 hours hackathon): **3<sup>rd</sup> prize**
  - VNFOSS (Vietnam Free & Open Source Software) 2009: **3<sup>rd</sup> prize**
  - Vietnamese Mathematical Olympiad 2006: **3<sup>rd</sup> prize**