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Born on 23rd April 1987 in Liège  
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## PHYSICS ENGINEER, PHD STUDENT IN MACHINE LEARNING/SMART GRID

International experience, advanced organisational skills and excellent teamwork capabilities

### ▷ Work experience

Dec 2013 - now	PhD student at the University of Liege
Mar 2013 - Nov 2013	Technical responsible of the home monitoring platform at Belgacom SA
Sep 2011 - Feb 2013	Young potential management trainee at Belgacom SA
Sep 2010 - Aug 2011	Research engineer at the University of Liege

### ▷ Education

2005 - 2010	Master in Engineering Physics at University of Liege <i>Summa cum laude &amp; Award for the best master thesis 2010</i>
2008 - 2009	One full year Erasmus program at University of Lund, Sweden

### ▷ Additional grants and awards

2014	Winner of the “Connectomics challenge” on Kaggle
2013	Grand Prize of the Data week San Francisco Hackathon + AT&T API prize
2005	ULg Fresher’s mobility grant (Pisart’s grant)

### ▷ Personal skills

Languages	<b>French</b> Mother tongue	<b>English</b> Fluent	<b>Dutch</b> Good	<b>Swedish</b> Intermediate
Certifications	Project management method Prince2 Foundation, Data network CCNA certified training, Software development method Scrum			

### ▷ Community involvement & Interests

- Open-source software development (DeeR project : <https://github.com/VinF/deer>)
- Passionate about technologies in general
- Soccer (5 years), table tennis (5 years), indoor soccer (6 years), tennis, running, skiing,...
- “Parlement jeunesse de la Communauté française” : Deputy in 2011 and President of parliamentary committee in 2012
- Administrator at Centrale des Cours de l’AEES (non-profit student organisation) from 2006 to 2008
- Co-founder and owner of the website « Pronostiquer.net » with 4000+ members from 2004 to 2014

### ▷ Selected publications

- François-Lavet, V., Ernst, D., and Fonteneau, R. (2016). Deep Reinforcement Learning with Limited Time Series - Application to Energy Microgrids. To be published.
- François-Lavet, V., Gemine, Q., Ernst, D., and Fonteneau, R. (2016). Towards the Minimization of the Levelized Energy Costs of Microgrids using both Long-term and Short-term Storage Devices. Smart Grid: Networking, Data Management, and Business Models (pp. 295-319). CRC Press.
- François-Lavet, V., Fonteneau, R., and Ernst, D. (2015). How to Discount Deep Reinforcement Learning: Towards New Dynamic Strategies. NIPS 2015 Workshop on Deep Reinforcement Learning.
- François-Lavet, V., Fonteneau, R., and Ernst, D. (2014). Using approximate dynamic programming for estimating the revenues of a hydrogen-based high-capacity storage device. IEEE Symposium Series on Computational Intelligence.