

# Maxime Leybaert

*Electromechanical engineer*

Rue de Grammont 64  
7830 Bassilly  
☎ +32 478 43 83 32  
✉ maxime.leybaert@gmail.com  
Licenses B & A2 with vehicles  
09/12/1994

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## Education

- 2016 – 2018 **Master in electromechanical engineering**, *Institut Supérieur Industriel de Bruxelles*.  
Nov. – today **Self Driving Car Nanodegree – Term 2 : Sensor fusion and vehicle control**, *Udacity*.  
Feb. – Jun. 2018 **Self Driving Car Nanodegree – Term 1 : Computer vision**, *Udacity*.  
Apr. 2016 **Formation in project management**, *CQHN, Gosselies*.  
2012 – 2016 **Bachelor's degree in Industrial Sciences (electromechanical section)**, *ISIB*.  
2006 – 2012 **CESS' degree (Mathematics and Sciences section)**, *Collège Saint-Augustin, Enghien*.

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## Experience

- Nov. 2018 – today **Python Software Developer**, *Thales Aliena Space, Charleroi*.  
New PePyt software development. Validation of the software before release.
- Oct. 2018 – today **Electromechanical Engineer Consultant**, *MCA, Brussels*.
- Feb. – Sept. 2018 **Internship - Retrofit of an electric vehicle into an autonomous vehicle : REVA case study**, *VUB*.  
Development of a speed controller of an autonomous vehicle prototype
- Aug. 2014 – Sept. 2018 **Car washer**, *BMW Depotter, Meslin-l'Évêque*.
- Sept. 2015 – 2018 **Treasurer then President of student circle**, *ISIB*.  
Organization of student activity to provide social harmony in school. Management of the accounts and work delegation within the team.
- Sept. 2014 – 2018 **Manager of the student bar**, *ISIB*.  
Controller of the supply, treasurer and responsible of the room equipments
- Apr. – Jun. 2016 **Internship : Assistant in quality management on a piping project for GDF Suez**, *Lepage S.A., Jumet*.  
Research of the applicable standards, management of the traceability of materials, weldings, and required testing.
- Jul. 2015 **Truck loader**, *Van Mieghem, Saintes*.
- Jul. 2014 **Electrician**, *National bank of belgium, Bruxelles*.  
Assistant on various maintenance work
- Feb. – Jun. 2014 **Tutor of 1<sup>st</sup> bachelor**, *ISIB*.  
Referent student for the 1<sup>st</sup> bachelor student for mathematics, physics and mechanics courses
- Jul. 2012 **SmartBe**, *Bruxelles*.  
Assisting in converting old chemical lab into offices

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## Computer skills

- CAD software Solidworks, Catia, Autocad  
Programming PYTHON, C++, JAVA, SQL, L<sup>A</sup>T<sub>E</sub>X  
Software Office, LabVIEW, MATLAB, NetBeans, Unity Pro, DIADem, Photoshop

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## Language skills

- French Native language  
English Very good command  
Dutch Basic knowledge

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## Interests

- Old-timer motorcycle restoration
- Motorcycle (technology, riding, engine, etc)
- Reading (fantasy, history, thriller novels and self-learning books)