

# Leon Duplay

Bilingual English / French

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## Education

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- 2012 - Current    **Harvard University** – Boston, USA  
*Masters Thesis, Harvard Microrobotics lab, Wyss Institute for Bioinspired Engineering*  
Aerodynamical wing optimization with particle swarms for flying micro robots
- 2011 - Current    **Swiss Federal Institute of Technology (EPFL)** – Switzerland  
*MSc in Microengineering, major in Robotics and Autonomous Systems (5.4/6 GPA)*
- Semester project: Victim detection in crisis areas using flying robot teams
  - Semester project: Multi-criteria comparison of demand forecasting techniques
  - McKinsey & Company MBTI team management workshop for association leaders
  - Intel Challenge 2011, technology venture & business plan contest
  - START Lausanne, promotion of entrepreneurship and startup counseling
- 2008 - 2011      **Swiss Federal Institute of Technology (EPFL)** – Switzerland  
*BSc in Microengineering - Mechanical, Materials, Electrical & Software engineering*
- Precision engineering & Production internship at ETML Lausanne
  - Microelectronic Systems Laboratory teaching assistant

## Experience and Internships

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- Feb 2012 –        **Flightboard (Cofounder & CEO)** – Lausanne, Switzerland  
Current            Web startup improving recruiting processes & increasing employee engagement.
- July 2012 –       **Procter & Gamble** – Geneva, Switzerland  
Sept 2012          Intern in Information and Decision Solutions business unit  
Advances technology tools, strategic development, collaboration, and decision making  
Qualified for the IDS Challenge as part of top 0.8% of graduate students from EMEA.
- August 2010      **Japan Advanced Institute of Science and Technology** – Kanazawa, Japan  
Developed ad-hoc mobile robot communications using Zigbee and Arduino boards.  
Attended LCR2010, International Seminar on Locomotion & Collaborative Robots.

## Associations and Societies

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- Sept 2008 –      **Robopoly EPFL – Vice-President** of the School's robotics association  
Current
  - Committed to teaching >100 members every year in basics and advanced concepts.
  - Leading external communications & partnerships, including research labs & IEEE.
  - Organized competitions, events (EPFL Robotics Festival) & lectures ex cathedra.
  - Led workshop & system change enabling communication & skill handover
- Sept 2009 –      **Junior Enterprise** – Student engineering consulting association  
April 2010        Responsible for talent recruiting, project coordination and QA.
- Sept 2009 –      **Coaching** – Student coaching association for freshmen  
June 2010        Facilitating introduction to student lifestyle, with confidentiality & active listening.

## Hobbies and Interests

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- Sports**            Swimming (3 championships), Snowboarding, Scuba diving (PADI Open Water Diver)
- Travel**            Lived in 5 countries, visited 23 countries on 4 continents, saw sunrise on Mt. Fuji