

# MARTIN STOLLE

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## PERSONAL DATA

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<b>Date of Birth</b>	10.05.1087
<b>Place of Birth</b>	Nancy-Laxou (France)
<b>Citizenship</b>	German, French

## OBJECTIVE

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Student of aerospace engineering with research experience, strong interpersonal skills and very good language skills is highly motivated to write his Diploma Thesis at ONERA.

## EDUCATION

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<b>Technische Universität Carolo-Wilhelmina zu Braunschweig</b> <i>Student of Aerospace Engineering</i> Member in AKAMAV (Academical group for Micro Aerial Vehical)	October 2007 - present
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## EXPERIENCES AND ACHIEVEMENTS

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<b>AIRBUS, Research and Development Department</b> <i>Research Assistant</i>	April 2011 - September 2012 <i>Toulouse, FR</i>
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- Development of enhanced autothrust control laws for turbine powered passenger aircraft.

<b>AIRBUS, Research and Development Department</b> <i>First End Term Project Student</i>	September 2011 - March 2012 <i>Toulouse, FR</i>
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- Development of an algorithm to predict the vertical touchdown velocity of an passenger aircraft during a semi-automatic landing.

<b>Institute for Aerospace Systems, TU Braunschweig</b> <i>Research assistant</i>	January 2008 - September 2011 <i>Braunschweig, GE</i>
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- During this work I have been concerned with the development of MAV (Micro Aerial Vehicles) and autopilots for MAV.
- 2010: Design of a new autopilot-architecture for MAV relying on CAN Bus technology for higher reliability with 2 fellow students. This concept is now realized by the Institute for Aerospace systems.
- 2008 to 2010: Design of 2 new MAV concepts. Through this work I remarkably progressed in CATIA, Solidworks and Matlab & Simulink. One of these concepts has been produced several times to prove its performance in multiple IMAV competitions (International Competition and Conference for Micro Aerial Vehicles):
  - 2010: Braunschweig (Germany): Drone finished first (outdoor competition)
  - 2009: Pensacola Florida (USA): Drone finished second (outdoor competition)
- Through the yearlong preparation of these competitions, I improved my teamwork skills since absolutely structured procedure was afforded.

**MTU Maintenance***Intern*

June 2007 - September 2007

*Hannover, GE*

- I have been working on Jet Turbines especially in the assembling and demounting division.

**German Army***Military Service*

July 2006 - April 2007

*36 Combat Helicopter Regiment Fritzlar, GE***Wilhelm Filchner Schule Wolfhagen***German Abitur*

June 2007 - September 2007

*Wolfhagen, GE***TECHNICAL STRENGTHS**

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**Computer Languages**

Matlab &amp; Simulink, C++, Latex

**Software**

Microsoft Office, Eclipse, Catia, SolidWorks, Scade

**LANGUAGE SKILLS**

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**German** mother tongue**French** mother tongue**English** fluently**Spanish** basics**PERSONAL INTERESTS**

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Gliding, Running, Voyaging, Chess