Joachim K. Hochwarth

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Education

September 1998 – January 2002	**University of Minnesota**
	Department for Aerospace Engineering & Mechanics (AEM)
	December 2002 Ph.D. Aerospace Engineering
	Minor: Computer & Information Sciences
October 1992 – August 1998	**University of Stuttgart** – Germany
	Diplom-Ingenieur[1] Aeronautical and Astronautical Engineering
	September 1994 Pre-Diploma
	August 1998 Diploma (with Best Possible Grade)

Work Experience

April 2003 – Present	**Systems Engineer**
	GE Aviation Systems (formerly Smiths Aerospace)
February 2002 – April 2003	**Systems Engineer**
	The Titan Corporation · Air Traffic Systems Division (now L-3 Communications)
	NASA Langley
September 1998 – January 2002	**Research Assistant**
	Department of Aerospace Engineering & Mechanics
	University of Minnesota
July 1996 – December 1997	**Research Assistant**
	Institute for Flight Mechanics and Control (IFR)
	University of Stuttgart – Germany
March 1995 – April 1995	**Contractor**
	DaimlerChrysler Aerospace (EADS) · Lampoldshausen – Germany
October 1994 – February 1995	**Intern**
	DaimlerChrysler Aerospace (EADS) · Lampoldshausen – Germany
March 1993	**Intern**
	Grohe Thermostat GmbH · Lahr – Germany
September 1991 – February 1992	**Intern**
	INA Nadellager Schaeffler KG · Lahr – Germany

Knowledge & Skills

Computer/Programming Skills	**Modeling/Programming Languages**
	Ada · Basic · C & C++ · DXL Script (DOORS) · Fortran · HTML · Java · JavaScript · MATLAB Script · Pascal · Perl & CGI · UML · Visual Basic (.NET & VB6 Macro)
	Operating Systems
	Unix/Linux · Windows
	Software
	Catia · ClearCase (Rational University Training) · Dimensions · DOORS · Mathematica · MATLAB/Simulink · MATLAB Compiler · MATLAB GUI (GUIDE) · $Matrix_x$ · MS Office · MS Visio · Rational Purify · Rational Rose
	More Information at `www.hochwarth.com`
Model Construction	Casting · Drilling · Hardening · Lathe Operating · Milling · Part Integration
Operating Experience	Test Station for Ariane V Upper Stage Engine (Aestus) Combustion Chamber Parts
Languages	Fluent in English & German · Knowledge of French

References

Available Upon Request

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[1] German Equivalent to Master of Science