

# DIPL. INF. (FH) OLIVER HENDRIK VAN PORTEN

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## ADDRESS

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## EDUCATION

**FernUniversität Hagen**, Hagen, Germany  
*Computer Science, Master of Science, since August 2008*  
Specialization: *Software Engineering and Programming Languages*

**University of Applied Sciences Aachen / FH Aachen**, Aachen, Germany  
*Computer Science, Diplom Informatiker (FH), August 2002 - August 2007*  
Thesis topic: *A Process For Tuning Engine Parameters of the VoCon3200 Speech Recognition Engine*  
Thesis grade: 1.0/1.0  
Overall grade: Gut (1.9)

**Gymnasium Bonnstrasse**, Huerth, Germany  
*Abitur 2001*

## ADDITIONAL SKILLS

Languages: German (native), English (business fluent), French (some), Spanish (little), Latin (very little)

Computer skills: C, C++, Python, C#, Java, PHP, JavaCC, Prolog, SQL, MatLAB, L<sup>A</sup>T<sub>E</sub>X, UML, Windows & Linux

Other: Knowledge of speech recognition on embedded platforms and experience in the automotive and mobile market.

## EXPERIENCE

**Nuance Communications Aachen GmbH**, Aachen, Germany  
*Software Developer, since September 2007*

Working in the professional services team as a software developer. The work includes porting the VoCon3200 ASR as well as the Vocalizer TTS engine onto embedded devices running various operating systems.

Moreover, the work involves designing and implementing (in C or OOC) complex software systems according to customer needs. This may range from simple API wrappers to full-fledged remoting frameworks to support remote procedure calls on multi processor platforms.

**University of Applied Sciences Aachen**, Aachen, Germany  
*Student employee with Prof. Dr. rer. nat. Faßbender, September 2005 - June 2006*

Object Orientated Software Development, Compiler Construction.  
Did several presentations on software testing techniques including JUnit, FIT/FitNesse and JWebUnit. Assisted fellow students during labs in both courses.

**Nuance Communications Aachen GmbH**, Aachen, Germany  
*Graduand, January 2007 - August 2007*

Worked to establish and describe a process and tool framework to unify the parameter tuning process for the VoCon3200 Speech Recognition Engine. The tools were all written in python, partially based on an existing framework. The process was remodeled taking into account experience from past projects.

*Intern, June 2006 - January 2007*

Worked as in intern in the professional services team completing my practical semester. Mostly software development in C for embedded platforms.

*Student employee, December 2005 - June 2006*

Speech data processing. Preparing speech data collections for customers. Developed some tools to simplify the process.

**Developia.de**, Berlin, Germany

*Lead Developer, September 2005 - December 2006*

*Software Developer, June 2004 - August 2005*

Co-developed and later on improved the current php-based content management software for developia.de. Developia.de is the biggest german hobby and semi-pro developer community. Implemented a webservice using SOAP.

**EMI Music Germany GmbH & Co. Kg**, Cologne, Germany

*Intern with the department of information technology, June 2002 - August 2002*

Worked in the sub-departments for networking technology, software development and helpdesk. Developed an application to process Media Control Charts using C++ and a video asset database plus GUI frontend using Sybase SQL and Sybase Power Builder respectively.

## ACTIVITIES

**Civilian service**, Hürth, Germany

*Worked in a nursing home, Spring 2001 until Summer 2002*

## REFERENCES

Available upon request.