

Curriculum Vitae



Personal data

Last name: Faase
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Born: 1 november 1961, De Bilt
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Education

- Augustus 1967 - May 1973: Primary education
- Augustus 1973 - May 1981: Secondary education
- Augustus 1981 - March 1986: Computer Science at the University of Twente. Graduated from the departments of Theoretical Computer Science and Formula Manipulation (TIF) and Computer Architecture and Programming Tools (CAP). The graduation assignment entitled 'An attribute evaluator generator' was carried out at the compiler construction group of TIF. Passed with honors.

Work experience

October 2019 – April 2024: Senior software engineer at Bond3D

Worked on the development of the Bond3D Slicer in C# in close cooperation with other departments. Also fulfilled the role of product owner, keeping contact with other department, prioritizing issues, and support other software engineers in solving the issues.

October 2018 – October 2019: Senior software engineer at ADLINK Hengelo

Worked on the development of an IDL compiler for Eclipse CycloneDDS in C. Also worked on documentation for Vortex Lite. Gained experience with cmake, Doxygen and Sphinx.

April 2002 – October 2018: Software engineer at BiZZdesign B.V.

At BiZZdesign I worked on the development of the BiZZdesign Architect applications for respectively modeling business processes and enterprise architecture according to the ArchiMate methodology. These applications are developed in C++ with Visual Studio 2008. Among other things, I worked on the development of:

- A revision control system that makes it possible to edit a single model with several people at the same time. This uses an advanced semantics-based locking system.
- The implementation of a repository for models in a relational database.
- A scripting language and evaluator for querying models.
- Various import functions of third party models: B Wise, Protos, Case Wise and Archi.

July 2001 - March 2002: Senior software engineer at TLI B.V.

Telic makes an ERP application based on software generation. Further developed client application in Visual Studio C++ with ODBC, OleDb, and COM. (Contract was terminated due to bankruptcy.)

April 1999 - July 2001: Software system designer at Philips Analytical B.V.

In my position I have been very closely involved in the development of the SuperQ application, which is used for all high-end X-ray fluorescence spectrometers, for which Philips Analytical is the global market leader. The package is implemented in Visual Basic 6.0 and consists of several COM servers and MDI programs running in parallel.

September 1997 - April 1999: Software engineer at Tecnomatix B.V.

The work concerned the further development of the PART application in C++, SQL (Oracle), ACIS and X-windows (Motif).

June 1994 - September 1997: Research assistant at the ESPRIT project TransCoop at the University of Twente.

In cooperation with GMD from Germany and VTT from Finland. The project investigated cooperative transaction models and the specification of cooperative scenarios. I have been involved in Work Package 2: "Analysis of selected applications" and Work Package 4: "Design of the specification language". The specification language is based on process algebraic language LOTOS and the database specification language TM. A compiler was developed in C++ for this specification language and a simulation environment including Java.

January 1990 - June 1994: System analyst/programmer at Seki-Riesewijk B.V.

Working as software developer for various applications developed using C. The main activities concerned the development of a multi-user database system for the storage and selection of graphic data (in the AutoCAD format) and several couplings with AutoCAD.

Summary of experience and skills

- All-round software engineer with a strong sense of quality.
- Familiar with modern software development techniques and standards.
- Is particularly attracted to complex problems: complex algorithms, parallel systems, complex implementations and large systems.
- Interested in and experience with developing compilers and software tools.
- Well acquainted with object oriented methods and implementation techniques.
- Experience with system design and software architecture.
- Experience with reverse engineering and data conversions.
- Research experience with regard to cooperative systems, in particular with regard to transaction models and formal specification methods.
- More than 20 years of programming experience in C and C++ (MSVS, g++, clang++). In addition, experience with C#, Java, JavaScript and many others.
- Familiar with several IDEs: Visual Studio, Eclipse.
- Experience with relational databases including SQL Server and Oracle.
- Experience with different types of CAD/CAM systems.
- Experience with the following operating systems: Windows, Linux (Ubuntu, Arch)