

CV - Ank Mertens

Personal details

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Date of birth: 10-01-1969
Nationality: Dutch
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Professional experience

June 2003 – today

In New Window (self employed) - Hilversum

Profession: Freelance Senior Vision Engineer - Digital & Interactive TV Consultant - Photographer

- ❖ All-round Senior Vision Engineer on different Outside Broadcast Vans HD, SDI, PAL (E.g. in The Netherlands: Cinevideogroup: OBV-6/8/10/11/12, United Broadcast Facilities: Unit-2/3/4/5/6, Dutchview: DV-1/3/4/5/51) (Abroad: Alfacam OB21/OB22/OB13, Abu Dhabi Media Company: OB1/2/3/4) (See for job description professional experience February 1992 – April 2000 Cinevideogroup Vision Engineer and Senior Vision Engineer)
- ❖ Consultant in the area of digital and interactive television and lead projects.
- ❖ All kinds of photography assignments.

May 2000 – June 2003

Casema - The Hague

Profession: Specialist Strategic Development

Activities:

- ❖ Doing research and consultancy work in the area of video, audio, data casting, Internet, supporting application software, including peripheral equipment and competitive systems.
- ❖ Product development.
- ❖ Investigation of new techniques and products, draw up plans to use these to the advantage of the company.
- ❖ Present findings and advice the company.
- ❖ Draw up technical specifications.
- ❖ Make and maintain contacts with suppliers.
- ❖ Determine company strategy.
- ❖ Keep track of international developments and competition.
- ❖ Attend international meetings about European projects and standardization.
- ❖ Give support to other departments within the company.

Oct. 1st 2001 till April 1st 2002

Casema - The Hague

Profession: Ad interim Technical Manager Interactive TV

Activities:

- ◇ *Project management in the field of decoder development and interactive television applications (specification, development, testing and implementation)*
- ◇ *In charge of further development and extension of the digital television platform (architecture and specification of the complete chain)*
- ◇ *In charge of the technical realization of interactive events*
- ◇ *Management of*
 - ◇ *Decoder (hard- en software-) suppliers*
 - ◇ *Application software suppliers*
 - ◇ *Supplier digital headend*
 - ◇ *Internal departments of Casema*

February 1992 – April 2000

Cinevideogroep - Hilversum

Profession: Vision engineer (shading) and Senior Vision Engineer

Activities:

- ◇ *Responsible for the technical part of a television production: setup and keep the Outside Broadcast Van or studio running*
- ◇ *Trace and solve acute problems/failures and find solutions in order to keep the production going.*
- ◇ *During the TV-recordings the vision engineer (shader) is responsible for the adjustment of diaphragm, color, gain and black level of the camera.*
- ◇ *In charge of/responsible for technical innovations in the OBV vans and studio's and educates new vision engineers.*

Work experience: all sorts of studio productions, theater, different sports, Olympic Games Norway 1994, Beijing 2008, in the Netherlands and abroad: Canal+, UEFA, Champions League, Golf, NFL, Pinkpop, North Sea Jazz, World Championship hockey, WC tennis, WC ice-skating, also worked in Abu Dhabi for ADMedia Company sports and shows all in HD.

Education

1981 – 1986

HAVO (Higher General Secondary Education) - Arnhem

Examination Subjects: Dutch, English, Mathematics, Physics, Chemistry, Biology

1986 – 1991

HTS (Higher Technical School) - Arnhem

Main Subject: Electrical Engineering

Specialization: Electronics / Telecommunication

Examination Subjects: IC-design, CACD I, CACD II, HF technology, Communication systems, Transmission, Digital regulation technology, Business Management

Practical Training

Sept. – Dec. 1989

CEM studio - Arnhem

Activities: Software programming in Pascal for the support of electronic music.

*Dec. – March 1990 KEMA - Arnhem
Activities: Creating an interface between a pc and a mass spectrometer and
writing the required software program in Pascal.*

*March – Aug. 1990 Wisseloord studio's - Hilversum
Activities: Working at the technical department.*

Courses

*Prince 2 College, project management training
TCP/IP
DVB
SDH*

Language skills

*English: understanding: very well
speaking: working knowledge
writing: working knowledge*

*German: understanding: working knowledge
speaking: elementary
writing: elementary*

*French: understanding: elementary
speaking: elementary
writing: insufficient*

Technical competence (briefly)

Extensive knowledge of the following systems:

Routing systems

*Philips Venus modular universal router
Jupiter VM3000
Control system SI 3000
Triton Pal*

*Thomson Trinitix digital routing switcher SD/HD
Pesa Cheetah/Cougar
Grass Valley Analog*

Vision mixers/ switchers

*BTS/ Thomson DD10
Thomson Xten DD35-25
Grass Valley 4000/ 110
Sony DVS 2100
Seraph Xten HD*

Intercom systems

*RTS Telex ADAM
Drake*

Camera's/ base stations

BTS/ Thomson LDK6/ LDK10, 10p/ LDK 2, 20p/ LDK 100, 200, 300, 6000, 8000

BTS/ Thomson GVG LDK 4500 base stations

Sony HDC 1500

Video recorders

Sony HDW-2000/ HDW-D1800/ DVW-A500/ DVW-500/ DVW-75SP

EVS LSM-XT-2/6 channel

Superslomo

DVE's

Pinnacle DV Xtreme

Ampex ADO

Monitoring system

TSL UMD system

Converters/ amplifiers/ framestores

AXON Synaps

Grass Valley Geckoflex

Graphics

Inscriber

Chyron Maxine

Computer knowledge/ skills:

- ◇ Windows 95/98/2000/NT/XP
- ◇ Apple Mac OS X
- ◇ Hardware and software installation
- ◇ MS office suite
- ◇ Various applications
- ◇ Security