

## RESUME

### PERSONAL DETAILS

Name	Otten
Christian names	Jacob Jan (Jacco)
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Date of birth	9 June 1975
Place of birth	Den Helder

### EDUCATIONAL BACKGROUND

1994 – 2001

Industrial Design Engineering, Delft University of Technology.

Specialization: Product Development, graduated 11 April 2001.

*'The Faculty of Industrial Design Engineering's concern is to study, innovate and improve (the development of) durable products for people, on the basis of the integrated interests of users, industry, society and environment.'*

Masters Thesis: 'The visualization of temporal information in tunnel-in-the-sky displays'.

1992 – 1994

VWO, Eetty Hillesum College Den Helder, graduated.

Subjects: Dutch, French, English, Mathematics A, Mathematics B, Physics, Economy.

1987 – 1992,

Havo, Johannes College Den Helder, graduated.

Subjects: Dutch, French, English, Mathematics B, Physics, Economy.

### SPECIALIZATION AND ADDITIONAL COURSES

#### MULTIVARIATE STATISTICS

In this course a number of multivariate statistic methods were covered. Through tasks, practical experience has been gained in using these statistic methods with SPSS.

#### PSYCHOLOGIC ASPECTS OF HUMAN-COMPUTER INTERACTION

The subject of this course is to learn to evaluate the usability of a user-interface with the use of psychological models and –aspects.

#### SPEAKING

Within this course one learns to present in an inviting manner and to cope with questions and reactions of the audience.

#### TECHNIQUES FOR DISCUSSIONS, DEBATES AND MEETINGS

The goal of this course is to offer insight in the theory en techniques to discuss, debate and attend meetings in order to enlarge these skills.

### EXTRACURRICULAR ACTIVIES

#### MARCH 1999: TECHNIQUE WORKSHOP

In this three day workshop a remote controlled robot had to be made in a team with limited resources and time. The robot had to be able to build a house out of foam blocks.

#### MARCH 1998: CASES ON TOUR

In this five-day study trip a case was done every day at a different company in order to solve a 'design' problem. The five attended companies were: Mars, Gispén, Ericsson, Simac en Océ.

## WORK EXPERIENCE

### 2004 – PRESENT: RESEARCH PROJECT ‘SENSORY DOMINANCE IN PRODUCT DESIGN’

In this project, ‘Sensory Dominance in Product Design’, the relative importance of senses during product usage is studied. As designer / researcher my role is to conduct experiments and to develop a product that will be used for further tests. The project is carried out at the ID-Studiolab, Delft University of Technology, faculty of Industrial Design Engineering.

### 2003 - 2004: MERU

The consulting company specializes in user interfaces for enterprise systems, web services and handhelds. As a User Interface Specialist I assisted software development teams in successfully improving the user interfaces for complex applications.

### 2001 - 2002: HULSHOFF

Work concerned of rendering computer support, computer training and creating multimedia presentations.

### 2000 –2001: GRADUATION PROJECT

In this graduation project a number of display visualizations have been developed and tested in a simulator. The visualizations are to present 4-dimensional navigation information to pilots in a cockpit on a Primary Flight Display.

The project has been carried out at the Delft ID Studiolab, in collaboration with Delft University of Technology, Faculty of Aerospace Engineering and Wright State University, Department of Psychology and partially took place abroad (Dayton, Ohio, USA). The graduation project has led to collaboration between the three concerned parties.

### 1998: BRISTOW

Operations assistant at the Operations Department of a British helicopter operator. In this period a form to streamline the flight dispatch has been developed and utilized.

## MANAGERIAL ACTIVITIES

### 2005 – PRESENT: COMMITTEE ‘NEW WORK-REGULATION’

For the gliding club Den Helder a committee has been formed to evaluate and improve the current regulation that covers the work activities during the winter season.

### 2005 – PRESENT: COMMITTEE ‘NEW GLIDER WINCH’

Through my background as Industrial Design engineer, member of a committee that arranges the purchase and production of a new glider winch for the gliding club Den Helder.

### 2005: COMMITTEE ‘DEPARTMENT OUTING’

The task of the committee was to organize a pleasure trip, consisting of an afternoon and evening for a group of approximately 60 people.

## PUBLICATIONS

### JANUARY 2003

Vormer, F.J., Otten J.J., Mulder, M., van Paassen, M.M., Mulder, J.A., Stappers, P.J., Overbeeke, C.J. & Flach, J.M. (2003). Design and experimental evaluation of four-dimensional tunnel-in-the-sky displays. *Proceedings of the 12<sup>th</sup> International Symposium on Aviation Psychology*, Dayton, Ohio, USA, 14 – 17 April 2003. <http://studiolab.io.tudelft.nl/otten/publications>

### APRIL 2001

Otten, J. (2001). Bubbles in the Sky: The visualization of temporal information in tunnel-in-the-sky displays. Masters Thesis, Delft: Delft University of Technology. <http://studiolab.io.tudelft.nl/otten/publications>

## LANGUAGE SKILLS

Dutch:	Native Tongue
English:	Good oral as well written
French:	Basic knowledge

## IT KNOWLEDGE

After Effects , AutoCAD 14, Director, Illustrator, iMovie, MS Office, Photoshop, Pro Engineer, SPSS.

## MISCELLANEOUS

In possession of Drivers License B and Recreational Pilots License (Glider).