



Melinda Seckington

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<http://missgeeky.com>

Profile

Degree in Computer Science (Media & Knowledge Engineering), specializing in Pattern Recognition and Artificial Intelligence. Experience in case bases, support vector machines, dynamic Bayesian networks and neural networks. Interested in Web 2.0, blogging and social media. Accustomed to working in a team. Able to conduct business in English and Dutch (bilingual).

Education

DELFT UNIVERSITY OF TECHNOLOGY, 2005-NOW

MSc Media & Knowledge Engineering

Thesis: Design and implementation of a spontaneous vs. posed based multi-channel emotion recognition system using facial expressions, head positions and shoulder movements.

DELFT UNIVERSITY OF TECHNOLOGY, 2002-2006

BSc Computer Science – Specialization Media & Knowledge Engineering

Thesis: “The Olf Project: A new approach to e-lecture systems providing a better online assessment and provision of appropriate feedback.”

Teaching Experience

DELFT UNIVERSITY OF TECHNOLOGY, 2006

Teaching Assistant to associate professors Ir. H.J.A.M. Geers and Dr. C.A.P.G. van der Mast for “Introduction Software Design (IN1405)”

First year undergraduate project for Computer Science students. The students were given the task to design and implement a basic web app. Assigned to manage and guide the students during the 14 weeks of the course.

DELFT UNIVERSITY OF TECHNOLOGY, 2006

Mentor to first year students

Weekly meetings with 5 groups of 5 students during their first 14 weeks of study.

DELFT UNIVERSITY OF TECHNOLOGY, 2006

Teaching Assistant to assistant professor Drs. P.R. van Nieuwenhuizen for “Programming in Delphi (IN2050WBMT)”

First year undergraduate Delphi programming course for Marine Technology and Mechanical Engineering students. Assigned to check the assignments made by the students during the 7 weeks of the course.

DELFT UNIVERSITY OF TECHNOLOGY, 2006

Teaching Assistant to Ir. C. Pronk for “Introduction to Programming Using Java (IN1278LR)”

Summer repeat of the first year undergraduate Java programming course for Aerospace Engineering students. Assigned to develop and check the assignments made by the students.

DELFT UNIVERSITY OF TECHNOLOGY, 2006

Teaching Assistant to associate professor Dr. P.G. Kluit for “Java Programming (SPM1410)”

First year undergraduate Java programming course for Systems Engineering, Policy Analysis and Management Engineering students. Assigned to check the assignments made by the students during the 5 weeks of the course.

DELFT UNIVERSITY OF TECHNOLOGY, 2004–2006

Teaching Assistant to Ir. C. Pronk for “Introduction to Programming Using Java (IN1278LR)”

First year undergraduate Java programming course for Aerospace Engineering students. Assigned to check the assignments made by the students during the 7 weeks of the course.

DELFT UNIVERSITY OF TECHNOLOGY, 2004–2006

Teaching Assistant to associate professor M. Pantic (2004–2005) and associate professor Dr. Drs. L. Rothkrantz (2004–2006) for the “Knowledge-Based Systems Project (IN2420)”

Second year undergraduate AI project, for about 150 students. Project about detecting what emotion is present in a movie. Project is split up into 3 assignments (A,B,C) which took seven weeks to complete. Theory handled rule-based systems, case bases and neural networks.

Extracurricular Activities

EDUCATION MADE EASY, 2006

Co-Founder of Education Made Easy V.O.F.

The goal of Education Made Easy (Ed-ME) is to provide educational software to lecturers. After a weak start the goal shifted to provide software services in general, from which the webservice tipit.to arose without my ongoing participation.

STUDENT ORGANIZATION FOR MATH AND COMPUTER SCIENCE “CHRISTIAAN HUYGENS”, DELFT UNIVERSITY OF TECHNOLOGY

Member of the Lecture Response Committee

Member of the CRI3 and CRI4 that met regularly each semester to review the quality of the 3rd and 4th year curriculum and its organization.

STUDENT ORGANIZATION FOR MATH AND COMPUTER SCIENCE “CHRISTIAAN HUYGENS”, DELFT UNIVERSITY OF TECHNOLOGY

Member of Algorithm Programming Contest Team

Representative for the Delft University of Technology at multiple Algorithm Programming Contests including the Dutch final in 2004, 2005 and 2006, and the North-West European final in Sweden in 2004. Highest ranking was a second place at the Delft Algorithm programming contest.

STUDENT ORGANIZATION FOR MATH AND COMPUTER SCIENCE "CHRISTIAAN HUYGENS", DELFT UNIVERSITY OF TECHNOLOGY

Yearbook Committee Member 2004

In charge of collecting articles, photos and quotes from the CH staff, all the CH sub-committees and the honoured members. Involved in the design of the layout, taking photographs, and writing captions and sidebars.

Skills

LANGUAGES

- English (Native)
- Dutch (Native)

PROGRAMMING LANGUAGES

- Java (Good)
- Matlab (Very Good)
- C++ (Fair)
- Delphi (Fair)

Hobbies

- Blogging (<http://missgeeky.com>)
- Video Games
- Movies and TV Series

Referrals

References are available on request.