FACULTY OF HUMANITIES

Human Aspects of Information Technology (HAIT)

Information session HAIT
Student presentations

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Programme

14:00	Opening
14:10	Introduction
14:25	Presentations
15:05	Break
15:20	Presentations
15:50	Closing
16:00	Drinks

Human Aspects of Information Technology (HAIT)

- Website description
  - Specialist in language and speech technology
  - Developer of IT-services
  - Academic researcher

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- In practice

    them ...and what do you do?

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  you I'm a language and information technology specialist

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  them A what?

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    them ...and what do you do?
    you I'm a language and information technology specialist
    them A what?
    you A language and information technology specialist
    you I try to make the computer understand language

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    - them Ah, computer languages...

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  them Ah, computer languages...

  you No, natural language, you know, what we speak

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  you A language and information technology specialist

  you I try to make the computer understand language

  them Ah, computer languages...

  you No, natural language, you know, what we speak

  them That is so cool...

Course programme

- Four blocks (half semesters)
- Courses
    - Dialogue and Interface
    - Natural Language Processing
    - Research Skills: Scripting

    - Information Search, Retrieval, and Recommendation
    - Text mining
    - Research Skills: Programming

    - Knowledge Representation and Knowledge Management
      (elective)

Course information (1)

- Dialogue and Interface
    - Spoken dialog systems, multi-modal interaction, human factors
- Natural Language Processing
    - Language technology, parsing, lexical semantics, spelling correction, speech synthesis, speech recognition
- Research Skills: Scripting
    - Pipelining, Unix shell, command line tools, software engineering basics

Course information (2)

- Information Search, Retrieval, and Recommendation
  - search engines, information retrieval, question answering, recommendation systems, social tagging, blog mining
- Text mining
  - Information extraction, intelligence, web mining, knowledge discovery
- Research Skills: Programming
  - Programming basics and principles, Perl
- Knowledge Representation and Knowledge Management
  - Logic, semantics, knowledge management, ontologies, semantics web

Master's thesis

- Participation in on-going research projects at department
  - Recommendation systems, social tagging, information retrieval
  - Text mining, ontologies, cultural heritage
  - Spelling correction
  - Dialogue systems
  - Machine translation
  - . . .
- Research internship at a company
- International project (second semester, including courses)
  - University of Antwerp (Erasmus)
  - Others? Australia, France, India, UK, . . .

Admission

- Master
    - Communication and information sciences (CIW) bachelor
- Pre-master
    - HBO computer science
    - HBO information management
    - HBO information and communication
    - . . .
- Others
    - Send letter/ask for more information

Job prospects

- Industry
    - Small and large ICT companies
    - Media companies
    - Knowledge intensive industries
- NGOs
    - Libraries
    - Archives
    - Museums
- Academy
    - PhD student

More information

- Online
    - http://www.uvt.nl/hait
- Contact
    - Antal van den Bosch <Antal.vdnBosch@uvt.nl>
    - Menno van Zaanen <M.M.vanZaanen@uvt.nl>
- International/Erasmus
    - Denise Lindenau <D.D.Lindenau@uvt.nl>
- In person after student presentations