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### Mission

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*To involve myself in research and development of technical or scientific technologies aimed at concrete applications that have a high degree of relevance to society.*

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### Career History

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- *Mar 2003 – Present*: Computational Scientist, Risk Research Group, Geoscience Australia.  
Research and development of natural hazard models.
  - *Sep 2001 – Feb 2003*: Research Fellow, School of Mathematical Sciences, Australian National University. Funded by Australian Partnership for Advanced Computing. Research in parallel methods for large scale data mining.
  - *Nov 2000 – August 2001*: Independent consultant  
Main developer of 'Pathology Explorer' WEB datamining application at CSIRO Mathematics and Information Science.
  - *Nov 1999 – Aug 2000*: Research Fellow  
Computer Sciences Laboratory, RSISE, Australian National University.  
Research in Data Mining, software development and consultancies in health services with the Commonwealth Science and Industrial Research Organisation (CSIRO).
  - *Nov 1998 – Oct 1998*: Postdoctoral Fellow  
Computer Sciences Laboratory, RSISE, Australian National University. Funded by the Danish Research Council. Research in Wavelets and Data Mining.
  - *Mar 1998 – Oct 1998*: Scientific Computing Consultant  
UNI•C, Danish Computing Centre for Research and Education.  
Design and development of parallel image analysis algorithm.
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### Education

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- Doctor of Philosophy (May 1998)  
**Technical University of Denmark**  
Department of Mathematical Modelling  
Thesis: "Wavelets in Scientific Computing"
- Master of Science (November 1993)  
**Roskilde University, Denmark**  
Department of Computer Science  
Thesis: "DISCO – DIScrete and COntinuous simulation"
- Bachelor of Science (June 1990)  
**Roskilde University, Denmark**  
Department of Mathematics