

## **Cand.Scient. (M.Sc.) Daniel Bengtsson**

**Born:** 13-01-1978, Västervik, Sweden  
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### Education

#### **2003 Cand. Scient. (M.Sc.)**

**Mathematical modelling at the Institute for Informatics at the University of Oslo.**

Title of the Master Thesis: *Augmented Reality for Safer Coronary Artery Bypass*

Image Analysis, Realtime visualization, Mathematics

#### **2001 Cand.Mag. (B.Sc.)**

1999-2001 University of Oslo, Norway

1998-1999 Uppsala University, Sweden

Mathematics, Computer Science, Astronomy

### Work

#### **Autumn 2002, University of Oslo**

Taught the course Algorithms and Data structures

#### **Temporarily 1999-2001, Pico AS**

Maintenance and setup of a Linux/Windows network.

Programming in Databus, Perl, and Sql.

#### **Summer 1999, Norcargo AS**

IT-department – software and hardware upgrades of windows computers.

### Other experiences

#### **Jun. 2003, London, United Kingdom**

English lecture with title *Augmented Reality for Safer Coronary Artery*

*Bypass Operations* which was presented at the Computer Assisted Radiology and Surgery (CARS) congress 2003.

### **Oct. 2002, Tønsberg, Norway**

English lecture with title *Establishment of a Virtual Surgical Reality for Minimally Invasive Surgery in the Chest Cavity* which was presented at the Norwegian Society for Image Processing and Pattern Recognition's (NOBIM's) Industrial Seminar 2002.

### **Nov 2000, Oslo, Norway**

Guide for the Swedish team in the International Baltic Way Mathematical Team Contest

### **1997, Västerviks gymnasium (Upper secondary school), Västervik, Sweden**

As one of the two best students in Chemistry at the school I had the privilege to be awarded a *Berzeliusgrant* to attend the yearly Berzeliusdagarna in Stockholm, Sweden. I won the school competition in Mathematics and received the highest degrees in all courses in Mathematics, Chemistry, Biology and Physics.

## **Programming Languages and Environments**

**Language:** C++, C, Matlab, Java, Html, Perl, SQL

**Library:** Trolltechs Qt, Intel's Open Computer Vision Library, ImageMagick, blitz++, VTK, Coin

**Environment:** Linux, Emacs, gdb, Qt Designer

## **Languages**

**Native:** Swedish

**Very good:** English, Norwegian

**Basic:** German

## **Recreational pursuits**

Photography, Mountainbiking, Soccer, Marine Aquariums, Chess and Computers.

## **References**

### **Master Thesis**

Lars Aurdal (Advisor)

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### **Pico AS**

Tord Wikborg

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