

# Magnus Erik Edvard Lundstedt - Curriculum Vitae

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**OBJECTIVE** To bring IT projects from concept to market success, by utilising my skills in programming, engineering and economics. To work with cutting edge technologies and research.

**PERSONAL** Very experienced programmer with a huge personal interest in this field. I consider myself an entrepreneur, as I have been creating new business from ideas since high school. My many years as IT-consultant has really paid off, I know how to work together with people from a wide variety of fields and how to deliver on time.

I thrive when challenged with new problems and new projects, preferably at the very cutting edge. What really gets me going is when I do things no one else has done before. When I get to be a pioneer.

**EDUCATION** **Uppsala Universitet, Uppsala**

M.Sc., Engineering Physics with focus on Scientific Computing. 2002 - (*Spring 2008*)  
Research, "*Parallel implementation of a simulation method for basic chemical reactions*", 2007  
Various courses in computer science, 2002 - 2007  
30 hp of Business economics, 2004

**Swedish Scholastic Aptitude Test (Högskoleprovet), Uppsala**

SweSAT Spring 2002: 1.7 / 2.0 (normalised score)

**Fyrisskolan High School, Uppsala**

Natural Science with Technology, 1997-2001

**WORK EXPERIENCE** **Research internship**, KDDI R&D Laboratories, Tokyo, Japan **Sept 2007 - Feb 2008**  
Master's thesis project, research on multimedia retrieval.

**Teacher assistant**, Uppsala University, Uppsala **October 2006 - June 2007**  
Instructor / tutor for two courses in programming given at Uppsala University.

**IT-consultant**, Infidyne Technologies HB/AB, Uppsala **June 1999 - (current)**  
IT company Co-founded by me together with a friend in high school. During the past 8 years this company have offered contract programming, Co-location, web-hosting/e-mail hosting services and broadband subscriptions. Through this company I have worked with contract programming, systems maintenance and business administration. A few examples:

- Design and implementation of a web based application for managing bookkeeping and tracking costs of different projects based on several dimensions of criteria for each cost entry.
- Design and implementation of an internal web portal for employees of a local pharmaceutical company, Melacure Therapeutics AB, with at that time around 40 employees.
- Design and implementation of a document management system for Svea Court of Appeal, used to evaluate the concept of electronic versions of documents, processed using OCR.
- Design, planning and implementation of our ISP services. Infidyne sold wireless broadband subscriptions in a small town outside of Uppsala in 2002.

- Support and maintenance of computer systems for various smaller companies.
- Design, maintenance and support for InfiDyne systems and services. Such as E-mail and web servers, web hosting services, and more.
- Bookkeeping and accounting at InfiDyne Technologies

**IT-consultant**, Ants IT-Support AB, Uppsala

**April 2005 - August 2007**

Ants IT-support is a company employing students for consulting services. Through Ants I did consulting jobs at around 10 companies, some where just over the day while others included regular work for years. Most of these jobs where related to service and support of existing IT systems.

**Development director**, Kramkalas.com

**2001 - (current)**

Design, implementation and maintenance of the youth community Kramkalas. ([www.kramkalas.com](http://www.kramkalas.com)). This is a website where young people (age 15-25) meet and discuss things (similar to MySpace.com). The website was designed and written mostly by me on my initiative. Kramkalas have today more than 130'000 members.

**Summer Job**, Pharmacia, Uppsala

**1996-1998**

Summer job at Pharmacia, Uppsala. I worked there three summers, 1996, 1997 and 1998. At Pharmacia I worked with databases and web design.

**LANGUAGE SKILLS** Fluent in both Swedish and English. I communicate daily in both languages.  
Tourist level knowledge of Japanese.

**COMPUTER SKILLS** Broad computer skills due to interest since I was very young. Programming experience with most languages, for example C/C++, Java, PHP, JSP, JavaEE, Python, HTML, and more. Fluent in C/C++ and Java. I have no problem picking up a new programming language when needed. Very experienced in SQL-based database systems such as MySQL or PostgreSQL. Experienced with many different operating systems, high performance computing and programming in parallel environments. I know how to search through papers to find methods and algorithms useful to solve my problem as efficiently as possible using the latest methods.

I have experience with writing network applications, threaded applications, GUI, 3D accelerated applications, scientific software for solving partial differential equations, computer cluster programs and games.

I have experience with many libraries, for example OpenGL, SDL, Qt, OpenAL, STL, OpenMP, MPI, Mysql++, and more.

The IDEs I am used to work with are Microsoft Visual Studio, Eclipse and KDevelop.

**COMMISSION OF TRUST** Lay judge / jury-man in court of Uppsala since Fall 2004.

**INTERESTS** My main interest is computer programming, engineering, data mining, mathematics, social networking websites and computer games. My favourite games are strategy games such as Supreme Commander or Civilization, but also MMORPGs such as World of Warcraft or Eve Online.

On my spare time I also enjoy programming for my own pleasure. If I need some tool or application in my daily life, I create it. I am an active developer in two open source games. One is an OpenGL accelerated 2D platform game, the other a 3D game based around a physics engine I wrote.

**MISCELLANEOUS** I have drivers license