

# CURRICULUM VITAE

HENRIK THORBURN

---

## ADDRESS

Stokkegaten 8, 2 eta  
NO-3112 Tønsberg  
Norway  
Phone: +47 33 31 65 23  
Mobile: +46 (0)733 140 920  
Email: [henrik@thorburn.se](mailto:henrik@thorburn.se)  
Homepage: <http://www.thorburn.se>

---

## PERSONAL DETAILS

Date of birth: 19th of August, 1979  
Place of birth: Uddevalla, Sweden  
Citizenship: Swedish  
Currently a resident of Norway

---

## EDUCATION

- 08/1995–06/1998 Undergraduate Studies in Business Studies at the Agnebergsgymnasium, Sweden
- 08/1998–06/2002 M.Sc. in Computer Science at the University of Skövde, Sweden
- Specialization: Bioinformatics, Artificial Intelligence, Distributed Real-Time Systems
- Thesis: *Applying bioinformatic techniques to identify cold-associated genes in oats*; Supervisor: Dr Björn Olsson

---

## THESIS

The management of vast amounts of biological sequence data sometimes require shortcuts. By analysing already known genes in already sequenced organisms, a rapid prediction of gene functionality can be performed. A rapid gene prediction method is developed to identify cold-associated genes in the *Avena sativa* genome. From approximately 9500 ESTs, 103 verified cold-associated genes are identified.

---

## WORKING EXPERIENCE

- 06/2000–08/2000 Systems Administrator, FramFab office, London UK.  
*Overview:* Administrating a medium business Microsoft Windows NT4 network. My main tasks were to assist the current administrator and to act as a Linux mentor, introducing, installing and maintaining Linux and Unix environment to perform business critical tasks.
- 08/1998–06/2002 Systems Administrator, University of Skövde, Sweden  
*Overview:* Administrating a dorm network with 450 users and a 100Mbit Internet connection, providing full Internet access as well as mail and web services to the users, and also providing basic helpdesk functionality
- 08/2002–01/2003 Bioinformatician, Department of Molecular Biology, University of Göteborg, Sweden  
*Overview:* Awarded a 6 month scholarship from the University of Göteborg to continue research and education within bioinformatics and molecular biology. The research involves plant DNA analysis as well as EST analysis and functional determination of *Avena sativa* sequences. It also included installing and configuring a 5 Node/10 CPU Linux cluster.
- 02/2003 Systems designer, Department of Computer Science, University of Skövde, Sweden  
*Overview:* Installed, configured and managed a computing platform for bioinformatic analysis on a SunFire 880, a server used internally at the university for research projects, as well as classes and final year projects, as a foundation for bioinformatic computations.
- 03/2003–current Self employed, Thorburn Life Science, Göteborg, Sweden  
*Overview:* Developed a webbased, database driven EST management system for AvenaGene AB. The system manages ESTs, Contigs, Plates as well as other entities relevant to EST sequencing and analysis projects. The system is developed using open source software such as PostgreSQL and Perl. Additionally, qualified consulting jobs for Svenska Lantmännen and Docta Technology.
- 02/2004–current Systems developer, UniWeb AS, Tønsberg, Norway  
*Overview:* UniWeb AS is a small Norwegian webhosting company. Employed as systems developer/programmer, including vital tasks within systems administration and technical support. Taking an active role in vital decisions in IT infrastructure, securing and scaling internet applications, such as web, mail, database and dns-servers, all primarily based on open source software.

---

## LANGUAGE KNOWLEDGE

<b>Swedish</b>	native
<b>English</b>	near native
<b>Norwegian</b>	intermediate (resident since March 2004)

---

## COMPUTER SKILLS

Qualified user of almost all available computer platforms including SunOS/Solaris, IRIX, Linux, Darwin, \*BSD, Windows and MacOS 9/X. Qualified administrator of i386/Linux, i386/Windows and PowerPC/MacOS X.

I prefer to program in Java, Perl, PHP, CGI, SQL, HTML, Bash and  $\text{\LaTeX}$

I maintain a stable/production IT environment using qmail, mysql, postgresql, apache, bind, powerdns, rsync, vsftpd, ssh, samba and nfs.

---

## OTHER MERITS

March, 2002      Winning team, Mjukt 2002

*Overview:* Member of the winning team of a software development competition arranged by University of Skövde and sponsored by Ericsson Microwave Systems. Mjukt is a 24 hour extreme programming team competition which emphasizes efficient programming, teamwork, human-computer interaction and documentation of the software development process. The winning team is decided by a jury of faculty specialists, one for each of the key areas in focus. These are software architecture, software design, human-computer interaction and process documentation.

For more information, visit the official Mjukt website:  
<http://www.ida.his.se/mjukt/>

Various dates      International experience

*Overview:* I have at various occasions been working abroad, twice in the United Kingdom, and currently in Norway. I easily adapt to new environments, always ready to take the initiative and responsibility required to become a significant resource to my employer.

---

## REFERENCES

These persons are familiar with my professional qualifications and my character:

### **Dr Björn Olsson**

Thesis supervisor      Phone: +46-500-44 83 16  
P.O. Box 408              Fax: +46-500-44-83-99  
541 36 SKÖVDE          Email: bjorn.olsson@ida.his.se  
**Sweden**

### **Christian Thordin**

Creative Director      Phone: +46-320-921 42  
Thordin Ord och Bild      Fax: +46-31-773-3801  
Ekebo                      Email: christian.thordin@telia.com  
SE-510 22 HYSSNA  
**Sweden**

### **Prof Olof Olsson**

Dept. of Molecular Biology      Phone: +46-31-773-3462  
Lundberg Laboratory              Fax: +46-31-773-3801  
Göteborg University              Email: olof.olsson@molbio.gu.se  
Box 462  
405 30 GÖTEBORG  
**Sweden**

### **MCSE Mark Hosking**

Systems Administrator      Phone: +44-207-281-8338  
**London, UK**

Göteborg, June 12, 2004