

# Position available as Developer for VirtualWorm-dbase (<http://celegans.sh.se>)

**Position can be either starting as Master project (Exams work), with following Ph.D., or as Ph.D.**

**Alternatively the position can be occupied directly as programmer.**

The position entails independent as well as cooperative work. We are developing VirtualWorm-dbase to support our current scientific research project in developmental biology. Knowledge in bioinformatics and/or cell biology would be helpful, but is not a requirement.

## **Required profile:**

- Good **C** and **C++** programming skills. Important that applicant has experience and understanding of **object oriented design** and concepts.
- **SQL** and database design. Experience with **MySQL** is a plus.
- GUI programming under Mac and or Linux. Experience with Windows is a plus.
- Unix administration and tools. Most important is CVS.

## **Wanted extra knowledge/experience:**

- OpenGL and computer graphics. This also includes computer graphics maths, mainly linear algebra.
- Image processing. Applicant should have some basic knowledge of image processing or at least some interest in learning it.
- Experience with the Qt GUI toolkit from Trolltech (Virtual Wormbase is developed with Qt)
- PHP/Web programming skills to update and maintain our website
- Java programming experience to maintain some of our utilities

Location: Laboratory of Prof. Thomas Bürklin, <http://www.biosci.ki.se/groups/tbu/>,  
Department of Biosciences, Karolinska Institutet,  
Natural Sciences at Södertörns högskola, Huddinge

Please e-mail your application to: jurgen dot hench at biosci dot ki dot se  
or contact Thomas Bürklin (see web site above).