
— OBJECTIVE —

To use my distinctive combination of biology and computer skills to excel in the biotechnology industry.

— EXPERIENCE —

Software Engineer for LiveJournal.com

LiveJournal Inc. (December 2007 – January 2009; San Francisco, CA)

Six Apart, Ltd. (November 2005 – November 2007; San Francisco, CA)

- Implemented new functionality on a database-driven blogging/social networking website.
- Worked with Perl and MySQL on a Debian Linux system.
- Excelled at clarifying and implementing feature requirements from product managers.
- Requested feedback from the users of the site in order to design and develop relevant features.
- Documented new and existing features for technical and non-technical audiences.
- Carried a great deal of responsibility and consistently completed projects on time.

Research Assistant

Clark University Biology Department (June 2004 – June 2005; Worcester, MA)

- Determined trends in the identification of new fungal species by using Perl and MySQL.
- Interfaced with GenBank and ClustalW using the standardized Perl module BioPerl.
- Assisted in the implementation of the *mor* project (<http://mor.clarku.edu/>), which uses Perl and MySQL to generate and constantly update phylogenetic trees for fungi.
- Co-authored a scientific paper: Hibbett, D. S., R. H. Nilsson, M. Snyder, M. Fonseca, J. Costanzo, and M. Shonfeld. 2005. "Automated Phylogenetic Taxonomy: An Example in the Homobasidiomycetes (Mushroom-Forming Fungi)". *Systematic Biology* 54: 660-668.

Academic Technology Intern

Clark University Information Technology Services (September 2003 – May 2005; Worcester, MA)

- Designed and implemented a web-accessible database to keep track of fungal samples.
- Collected input from professors and laboratory assistants to make decisions on the direction of the project.

— EDUCATION —

Clark University, Worcester, MA

Bachelor of Arts in Biology, minor in Computer Science

Graduated *summa cum laude* in September 2005

Member of Phi Beta Kappa Honor Society

Relevant Coursework:

Bioinformatics
Genetics

Data Structures and Algorithms

Foothill College, Los Altos Hills, CA

Student of the Veterinary Technology program for one quarter in Fall 2006

Relevant Coursework:

Microbiology

Medical Terminology

— REFERENCES —

Available upon request.