

## Scientific Programmer / Specialist

Location: Miami University, Oxford Ohio, USA

If you want to be part of a dynamic, growing lab, do lots of interesting stuff and upgrade yourself from being just a great bioinformatician to a super-bioinformatician, this job's for you. You'll be working primarily on problems in microbial genome evolution, including setting up a multi-genome database, and all sorts of interesting distractions. See below for the nitty-gritty. Original ad here: <https://www.miamiujobs.com/>, Search Jobs → job posting number: **0001377** . Pass on to interested parties. Three year position, annually renewable depending on performance and funding.

**Department of Microbiology:** Scientific Programmer/Specialist to implement and maintain a genomic database web site; implement data management tools including relational database management applications for efficient storage and retrieval of genomic data; perform other duties as related to the position such as data and project management to ensure data are being processed in an efficient and timely manner; contribute to writing scientific manuscripts.

**Required qualifications:** BS or BA in Computer Science, bioinformatics, or a related discipline; demonstrated programming experience, particularly in Python and SQL databases; demonstrated web programming experience; knowledge of Linux/Unix; excellent spoken and written communication and documentation skills.

**Preferred qualifications:** Advanced degree (M.Sc. or Ph.D) or equivalent in Computer Science, Bioinformatics, Molecular Biology or a related discipline; experience in development of bioinformatic algorithms; knowledge of R programming; experience in development of or contribution to open source projects; experience in collaborative software development such as the use of version control software, writing and following software specifications, participation in code review; knowledge of basic molecular biology; experience with genomic browser programming, such as GMOD or equivalent.

Candidates should send a CV or resume and have three letters of reference sent separately to Dr. Iddo Friedberg at [Friedberg.lab.jobs@gmail.com](mailto:Friedberg.lab.jobs@gmail.com). Screening of applications begins April 14, 2012 and will continue until the position is filled.

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