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Eric Talevich

I'm currently a grad student at the University of Georgia. My research interests include molecular simulations and cancer genomics, with medical applications in mind as the eventual goal.

Education

- 2008–present* UNIVERSITY OF GEORGIA
Ph.D. Bioinformatics
- 2000–2005* UNIVERSITY OF CALIFORNIA, DAVIS
B.S. Applied Mathematics
Minor in Music

Work Experience

- 2008–present* UNIVERSITY OF GEORGIA (Athens, GA)
Graduate research assistant
Working in the Evolutionary Systems Biology Group, led by Dr. Natarajan Kannan.
- 2007–2008* MACDERMID LLC (San Marcos, CA)
CTP Engineer
Development of an automated computer-to-plate printing system for newspaper printing presses. Spent up to 50% of working time at customer sites in Rome, Italy; Didcot, England; and Providence, RI, to perform customizations, gather requests for new features, and build or troubleshoot new systems.
- Reduced a legacy codebase of 130,000 lines of C to less than 100,000 lines while adding new features, fixing persistent bugs, and applying proper coding style and source-level documentation across all modules.
 - Wrote standalone shell and Python scripts for software installation, miscellaneous system maintenance tasks, and analysis of production data.
 - Designed and implemented a browser-based front-end to allow remote usage of these tools.
- 2005–2007* BIOSENSORS INTERNATIONAL (Newport Beach, CA)
Engineer 1
Process development at the pilot facility for new drug-eluting stent products: Analyzed data from production and engineering studies to improve manufacturing processes. Initiated, wrote and revised engineering studies, SOPs and quality documents according to FDA guidelines. Constructed, maintained and trouble-shot custom automated machinery.

Other Projects & Experience

2008–present ATHENS.WIKISPOT.ORG

2007–2008 SANDIEGOWIKI.ORG
Founder & maintainer

Part of the WikiSpot.org project to unify community-interest wikis with common components

2009–present BIOPYTHON
Contributor

Library for handling bioinformatics data in the Python programming language; sponsored by the Open Bioinformatics Foundation.

2007–present BORING CSS
Author & maintainer

Greasemonkey script for the Firefox web browser; sanitizes embedded styles in blogs and Wikipedia (900+ installations)