

Henry T. Robertson
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Education: M.S. in Biostatistics, U. of Michigan at Ann Arbor, 2006
PhD candidate in biostatistics at the University of Alabama at Birmingham; expected completion in 2010.
Master's work in Computer Science, 1993-1995, U. of Pittsburgh (BS equivalent)
B.A. in East Asian Studies, University of California at Berkeley, 1993

Computer Skills: R, SAS, S+, Perl, SQL, Oracle, VB, VBScript, Java, ASP, ADO, HTML, XML, Javascript, C, C++, MS Access, DBM, shell scripting, Solaris and Windows administration, PL/SQL, Sourcesafe, DCOM, parallel processing, custom DLL's, ER Studio, Visual Studio, IIS administration.

Work Experience:

Statistician
Blue Cross Blue Shield of Alabama
2/09-Present

Perform statistical analyses of professional reimbursement claim costs. Examining out-of-state claims and dental costs to enact new cost guidelines such as RBRVS or PCPIP.

Statistician
Alabama Organ Center
5/07-2/09

Perform statistical analyses for optimizing organ procurement in the state of Alabama. Manage the state registry of hospital deaths. Also designing and administering other databases to track organizational performance.

Graduate Student Research Assistant
University of Michigan
4/04-8/06

Worked for Dr. Sharon Kardia, Associate Professor of epidemiology. Co-author of "A Scan Statistic for Identifying Chromosomal Patterns of SNP Association", November 2006, Journal of Genetic Epidemiology; worked on another paper for the results of the GOLDN study, looking for SNP haplotypes that affect the results of fenofibrate trials.

Bioinformatics Software Engineer
Tocata Therapeutics
8/03-9/04

Lead programmer at biotech startup; setting up bioinformatics software systems such as BLAST, signalp, etc.

Research Assistant – Bioinformatics

2/03-8/03

Assisted Dr. Sasha Kamb, a biochemist from Salt Lake City who used to be employed by Deltagen, on a scientific paper for yeast knockout genes. Statistical analyses of genetic sequences and other parameters.

Bioinformatics Software Engineer

Deltagen Inc. 1/01-1/03

Software engineer at a biotech firm that made knock-out mice.

Kodak/CEMAX 7/00-11/00

Perl/C developer in system engineering group, responsible for software releases of PACS software (databases of digitized medical images such as X-rays and CAT scans).

Systems Engineer**11/95-7/00**

Consultant who performed Solaris administration, perl programming, and various other tasks at Lawrence Berkeley Labs, Pratt and Whitney, Motorola's Iridium project, America Online, Nortel, Toshiba, Hughes Information Technology, among others.

Honors Intern**Intern FBI Headquarters 6/95-8/95**

Wrote classified reports on Asian organized crime, as well as some translation work. For detailed work description, contact FBI headquarters in Washington, D.C. at (202)324-3000.

Teacher's Assistant**University of Pittsburgh 9/94-5/95**

Instructor of "recitation sections" for undergraduate programming courses. Taught three classes of approximately 20 students each.