Andrew Gallant

Department of Computer Science
Tufts University
161 College Avenue
Medford, MA 02155

Phone: (774) 280-2713
Email: Andrew.Gallant@tufts.edu
Homepage: http://burntsushi.net
Citizenship: United States

Education

Ph.D. Computer Science, Tufts University, *in progress*.

M.S. Computer Science, Tufts University, 2012.

B.S. Computer Science and Mathematics, *Magna Cum Laude*, Worcester State University, 2010.

Academic Experience

Research Assistant with Lenore Cowen, since May 2011.

Teaching Assistant, Programming Languages, with Norman Ramsey, Spring 2013.

Lab Assistant, Introduction to Computer Science, with Ben Hescott and Bruce Molay, Fall 2011.

Teaching Assistant, Programming Languages, with Norman Ramsey, Spring 2011.

Teaching Assistant, Introduction to Computer Science, with Ben Hescott, Fall 2010.

Fields of Research Interest

Computational biology

Research

Publications

Daniels N, Gallant A, Ramsey N (2012) *Experience Report: Haskell in Computational Biology*, Proceedings of the International Conference on Functional Programming, Sep 2012.

Gallant A, Leiserson M, Kachalov M, Cowen L and Hescott B, *Genecentric: A package to uncover graph-theoretic structure in high-throughput epistasis data*, BMC Bioinformatics in press, 2013.

Submitted

Daniels N, Gallant A, Peng J, Cowen L, Baym M, Berger B, *Compressive genomics for protein databases*, submitted

Poster Presentations

Genecentric: A package to uncover graph-theoretic structure in high-throughput epistasis data
ACM Conference on Bioinformatics, Computational Biology and Biomedicine 2012.
Orlando, FL, October 7-10, 2012.

Awards

SIGPLAN PAC Travel Grant, ICFP 2012.