

## ROWYN McDONALD

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### PROFESSIONAL EXPERIENCE

- 6/11 – 8/11     **Graduate Student Researcher**, School of Information, Berkeley, CA
- Designed and implemented an online repository for design solutions to common privacy problems using Hyde, a Python-based static site generator.
- 7/07 – 8/10     **Support Engineer**, Google Inc., Mountain View, CA
- Designed and developed tools to automate Search Quality Evaluation work using SQL, Python, and Google technologies such as MapReduce and Bigtable.
  - Led a system performance initiative across 6 global offices which resulted in an 80% improvement in peak latency of Search Quality Evaluation's core tools.
  - Wrote data analysis scripts in Python and Sawzall (a system for extraction and aggregation of statistics on large data sets) to support a productivity dashboard.
  - Troubleshoot technical issues and collaborated with engineering teams to make large-scale search quality improvements.
- 9/06 – 6/07     **Residential Computer Consultant**, Kimball Hall, Stanford, CA
- Solved computer-related problems for 100 dorm residents.
  - Educated students on computing resources at Stanford.

### EDUCATION

- 8/10 – present   **University of California**, Berkeley, CA
- Masters in Information Management and Systems, expected May 2012.
  - Coursework includes: information organization and retrieval, quantitative research methods, and rapid web development.
- 9/03 – 6/07     **Stanford University**, Stanford, CA.
- B.A. in Linguistics with Distinction. Minors: computer science, mathematics.
  - Coursework includes: object-oriented systems design, human-computer interaction, computational linguistics, and statistics.

### SKILLS

- Significant experience with Python
- Knowledge of MySQL, JavaScript, jQuery, web-based applications
- Familiar with HTML, CSS, and Django

### AWARDS

- **Amy Wood Nyholm Fellowship**: Full fee remission from the UC Berkeley School of Information.
- **Online Sales and Operations Gold Award (Google)**: For dedication and hard work reducing latency and improving performance of the core systems used by Search Quality Evaluation.
- **Frank H. Buck Memorial Scholarship**: Received in recognition of leadership potential and commitment to the community. All educational expenses covered.
- **Member, Phi Beta Kappa Society**