

MICHAEL BROTZMAN

207 240 6456

michael.brotzman@gmail.com

EDUCATION

Columbia University New York, NY
MS in Computer Science May 2009
Personalized interdisciplinary thesis track in
Social Network Analysis

Carnegie Mellon University Pittsburgh, PA
BS in Computer Science Dec 2006
Minors in Classical Guitar Performance and English Studies
Adamson Award for Excellence in Screenwriting Dec 2006

FILMS

Nor'easter Production Assistant, Set Photographer
Schrodinger's Cat (short) Production Assistant
Childhood's Shore (short) Production Assistant

SKILLS

Applications

Microsoft Office (Word, Excel, Outlook, Powerpoint),
Photoshop, InDesign, Lightroom, MySQL, Eclipse

Technologies

Drupal, Ajax, LAMP, Apache Tomcat, Rackspace

Programming Languages

Java, C, Javascript, HTML, CSS, Python, Ruby, PHP, JSP

Photography

See www.michaelbrotzman.com for portfolio.

Foreign Languages

German and Spanish

EXPERIENCE

Workfeeds New York, NY
CTO July 2009–Present
Designed and developed the professional social networking site
workfeeds.com singlehandedly from scratch.
Managed team of QA engineers in ongoing campaign of
functionality and usability testing.
Managed team of graphic designers in creating and testing an
intuitive and standards-compliant site design and landing page.

Center for Computational Learning Systems New York, NY
Student Researcher Sept 2008–May 2009
Conducted independent research into new methods for automatic-
ally characterizing MySpace users' personalities based on their
patterns of use.

Google Mountain View, CA
Software Engineer in Test Intern June–Aug 2008
Designed, implemented, and tested software framework to manage
the server farm that runs the suite of automated tests that routinely
checks Gmail.
Created Ajax-enhanced web application to enable real-time control
over this framework.

Yahoo! Research New York, NY
Visiting scholar Sept 2007–Feb 2008
Conducted independent research into new methods for automatically
characterizing the contents of web pages based on their semantic and
sociolinguistic contents in the del.icio.us social network.
Designed and implemented website recommendation system based on
these characterizations.

Gwap Pittsburgh, PA
Lead Web Developer May 2007–May 2008
Designed and implemented robust, large-scale MVC web application
from front- to back-end, working with a database administrator to
streamline an efficient database schema and a graphic designer to
create an intuitive, standards-compliant interface.