

JASON KATZ-BROWN

jasonkatzbrown@gmail.com

Born Jan. 1987 in Berkeley, CA

Education

- **Massachusetts Institute of Technology**
 - B.Sc. in Jan. 2008, Master of Engineering in Aug. 2008. GPA 4.9.
 - Master's thesis: *Dependency Reordering Features for Japanese-English Phrase-Based Translation* with adviser Dr. Michael Collins.
 - Teaching Assistant for 6.00, Introduction to CS and Programming, Spring 2008.

Experience

- **Google Japan** (Tokyo office)

From Sep. 2008 to Dec 2009 I worked on the Web Search Quality team. I launched 9 ranking changes and was promoted.

During summers of 2006 and 2007, and since Jan. 2010, I have worked on Google Translate's translation quality. In particular, I developed the first English-Japanese and English-Thai translation systems and led their improvement into the best quality systems in the world. I also contributed to the timely launch of the Haitian Creole system.
- **Nippon Telegraph and Telephone** (Kyoto research lab)

Over summer 2005 made new high-coverage dictionary for old-school Japanese grammar.
- **Quackle**

Cowrote open-source Scrabble AI, the strongest in the world. Licensed to RealNetworks, Electronic Arts, Sarbakan. <http://quackle.org>
- **K Desktop Environment**
 - Wrote Kiten, Japanese-English reference and study tool distributed in kdedu.
 - Wrote Kolf, miniature golf game distributed in kdegames.
 - Wrote Dearu, Japanese XIM input method.
 - Comanaged KDE booth at Linux World in San Francisco 2001-2003 and Boston in 2005.
- **Scrabble**: #1-ranked Scrabble player in the US (2006, 2007, 2008) and 3-time member of US team at World Championships.
- **Skating**: Roller-skated 2000km across width and length of Japan.
- **Natural Languages**: Fluent in reading and writing Japanese, good at Korean, Chinese, Thai.
- **Computer Languages**: C++, Java, Python, PHP, Perl, HTML.

Publications

- J. Katz-Brown, S. Petrov, R. McDonald, D. Talbot, F. Och, H. Ichikawa, M. Seno and H. Kazawa. Training a Parser for Machine Translation Reordering. *To appear in EMNLP 2011.*
- K. Hall, R. McDonald, J. Katz-Brown and M. Ringgaard. Training dependency parsers by jointly optimizing multiple objectives. *To appear in EMNLP 2011.*
- J. Katz-Brown and M. Collins. Syntactic reordering in preprocessing for Japanese-English translation: MIT system description for NTCIR-7 patent translation task. *Working Notes of the NTCIR Workshop Meeting 2008.*