Kenny Cason

Software Engineer & Linguist

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About Me

I like to constantly learn and enjoy being around other enthusiastic people who take pride in their field. I enjoy applying computer science to problems in various fields. Particularly, I enjoy studying machine learning, game development, and natural language processing.

Professional Experience

TTAGG, Inc.

Chief Software Engineer - Co-founder — *Aug 2010 - Present*

Our software measures and records social trend data on the web for usage in stock prediction and business intelligence. https://ttagg.com

Lockheed Martin, Missile Defense National Team B (Crystal City, VA)

Software Engineer (entry level) — *Jun 2010 - Aug 2011*

Develop and deploy software to test functionality of key components within Global Engagement Manager (GEM) Software in Java 1.6.

Software Engineer (internship) — *May - Aug 2009*

Developed and deployed software to test functionality of key components within GEM Software in Java 1.5.

Systems Testing/Analysis (internship) — *May - Aug 2008*

Developed Unix scripts to assist in the testing of GEM software using sh, awk, groovy, and other common Unix tools.

- Employ integration tests to ensure proper functionality of core components of GEM software.

Software Engineer (internship) — *May - Aug 2007*

Developed GEM software, intended to coordinate an automated response to a ballistic missile attack against the United States and allies.

- Developed GEM software in Java 1.5 using Eclipse 3.2, on Windows and Solaris.
- Employ test driven development (using JUnit), continuous integration (using CruiseControl and Ant), formal and informal peer reviews, metrics (Emma, JDepend, CheckStyle) and other contemporary software engineering practices.

Education/Activities

B.S., Computer Science University of Arkansas, (May 2010) — *May 2010*
Minor, Mathematics University of Arkansas — *May 2010*
Minor, Japanese Business University of Arkansas — *Aug 2008*
Study Abroad, Osaka, Japan Kansai University of Foreign Languages. (関西外国語大学) — *Aug 2007 - Apr 2008*
As an undergraduate at the University of Arkansas:

University of Arkansas Game Development Club (UAGDC) — *Aug 2004 - May 2010*

Developed computer game software as a member, and eventually president, of the UAGDC, using primarily C++ and various gaming libraries(allegro, SDL, Ogre3D) as well as Java and basic.

Military Past and Present on Campus (MPPOC) — *Aug 2004 - May 2010*

Webmaster and officer, aided in rasing funds for veteran students on campus.

Language Proficiencies

- **Japanese:** High Proficiency. Preparing to take highest level proficiency exam (日本語能力試験一級). Skills with business Japanese, including honorifics systems (敬語).
- **Mandarin Chinese:** Proficient. Preparing to take the mid-level Proficiency test. (中国汉语水平考试(HSK)中级)

Military Experience

United States Marine Corps Reserve (USCMR) — *Aug 2004 - 2007*

Small Arms Repair Technician School (Armory School)

- Job Responsibilities - security and maintenance to ordnance, ensure operational safety by teaching classes to other Marines while maintaining a SECRET CLEARANCE.

Technical Proficiencies

- **Platforms:** UNIX, Windows
- **Languages:** Java 1.5+, C/C++, Javascript(JQuery), PHP, HTML/CSS, Ruby on Rails 3, UNIX shell scripting, MatLab, Perl, MySQL,x86/68K Assembler (limited experience).
- **Tools:** Git, SVN, Ant, Maven, Spring, Antlr 4, Hadoop(HBase, Map/Reduce, HDFS), JUnit, EasyMock, Eclipse, Netbeans, IBM Rational (ClearQuest, ClearCase), CruiseControl

Honors, Awards, and Other Achievements

- Chinese Speech Contest - (Advanced Business) – 3rd Place (2010), (Elementary) - 1st Place (2006)
- Japanese Speech Contest - Runner Up (2005)
- Meritorious Mast. Top graduate of Armory School. USMCR (2005)