

Julia Hansbrough

CONTACT INFORMATION

280 Leverett Mail Center *E-mail:* jhansbrough@college.harvard.edu
28 DeWolfe Street
Cambridge, MA 02138 USA

EDUCATION

Harvard University, Cambridge, Massachusetts USA

B.A. Candidate, Computer Science, **August 2009 - May 2013** (expected)

- Coursework in data structures and algorithms, distributed systems, computational linguistics, systems programming, object-oriented programming, calculus, English, and life sciences
- Conducted computational linguistics research as part of Fall 2011 coursework

EXPERIENCE

Microsoft, Seattle, Washington USA

Software Development Engineer Intern

May - August 2012

- Beginning work with the Interactive Entertainment Business division in Summer 2012

Harvard University, Cambridge, Massachusetts USA

Computer Science 105 Teaching Fellow

September - December 2011

- As one of two teaching fellows selected for an interdisciplinary course examining the intersection of privacy and technology, assisted in generating in-class discussion and grading student work

Amazon.com, Seattle, Washington USA

Software Development Engineer Intern

May - August 2011

- Designed an extensible testing framework for a set of modules on the retail website
- Utilizing the test framework, provided over 50 test cases and 80% test coverage to a particular module, thus reducing 2-4 days of manual testing to roughly 30 minutes of automated tests

National Computer Camps, Fairfield, Connecticut USA

Instructor and Counselor

June - July 2009, 2010

- Conducted daily instruction on programming (C++, Java, Javascript, CSS/HTML), game design (Multipedia Fusion), and graphics (Flash, Photoshop, Bryce 3D) for campers aged 8-18
- Managed teams of counselors-in-training to aid in daily instruction

SKILLS

- Proficiency in Java, Ruby, C, HTML/CSS, and Version Control (Perforce, Git, Mercurial)
- Familiarity with PHP, MySQL, Prolog, OCaml, and Version Control (Subversion)
- Experience in designing interactive and dynamic web applications, including a custom CMS designed for a personal site and an NCAA tournament bracket creator

ACTIVITIES

The Harvard Crimson

- *Arts columnist.* Prepare, edit, and publish a biweekly column on video gaming and “geek culture”

Harvard Pops Orchestra

- *Creative director.* Lead team meetings to discuss, write, and direct all scripts, movies, and music featured in concerts
- *Principal oboist.* Perform concerts with the orchestra

ADDITIONAL HONORS

- Governor’s Appointment to the Society of Kentucky Colonels
- Girl Scout Gold Award