

## Ethan Glasser-Camp

New York City

I am a strong generalist computer programmer looking for an opportunity to use my skills to better the world.

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<http://www.betacantrips.com/>

### Skills

**Languages:** Fluent in Haskell, Python, Rust and Elm; capable with C, C++, Java, JavaScript, Ruby, R, and PHP; familiar with bash scripting, Perl and Vala.

**Operating Systems:** Fluent with Linux (Debian, Ubuntu, some CentOS and NixOS); capable with Solaris, UNIX, Windows 95/98/NT/2000/XP; familiar with OS X.

**Systems Administration:** Capable with Linux, Amazon Web Services; familiar with Windows.

**Databases:** Capable with Mongo, PostgreSQL, Amazon Redshift, Amazon DynamoDB, Redis; familiar with CouchDB.

**Web design:** Capable with HTML, CSS, and JavaScript.

**Tools:** Fluent with Git; capable with Javadoc, Subversion, Bzr, Hg, Phabricator; familiar with Epydoc, darcs.

**Miscellaneous:** software configuration management, strong verbal and written communication skills in English and French, excellent troubleshooting and debugging skills, exceptional problem solving skills, good teams skills, experience as teacher, tutor and teaching assistant.

### Work Experience

- **Mozilla** remote from New York, NY  
*Senior Engineer* *April 2016-present*
  - Developed and maintained backend services and their integrations in Firefox, in particular the implementation of the “chrome.storage.sync” feature and real-time support for Remote Settings.
  - Designed reporting system to ensure continued success of client-side functionality such as Remote Settings and Normandy.
  - Spotted and prevented a bug that (had it shipped) would have cost Mozilla tens of thousands of dollars per month.
  - Successfully mentored one Outreachy intern.

- **SumAll** New York, NY  
*Senior Engineer* *March 2014-March 2016*
  - Developed backend services, including integrations with third-party APIs such as Twitter, Desk.com, and Instagram.
  - Helped transition the backend software team to Haskell as its main programming language.
  - Filled in “missing pieces” of our service-oriented architecture, such as a client library for the Eureka service discovery mechanism.
  - Designed major components of the architecture for the v4 rewrite.
  - Successfully led 3 employees through internships.
  - Served as team lead on the backend software team for one quarter.

- **Pave** New York, NY  
*Engineer* *October 2012-March 2014*
  - Developed the company’s website using Flask, LESS, and RequireJS.
  - Wrote user registration/login modules, following best practices for password handling.
  - Wrote our integration with Paypal (never used due to business reasons).
  - Provided guidance on “Pythonic” approaches and techniques, as well as suggesting well-regarded libraries such as [argparse](#), [requests](#), [arrow](#), and [MongoAlchemy](#).

- Switched from development hosted on Phabricator to a pure GitHub-based workflow.

- **Peace Corps** Cameroon  
*Volunteer* *June 2010-August 2012*
  - Taught “informatique” (that is, computer science, but in French) at a high school level for two full school years.
  - Subjects taught include word processing, spreadsheets, HTML/CSS/JS, and networking.
  - Managed a computer lab of 20 computers. Maintained infrastructure for other Volunteers.
  
- **HUGE (hired by iVillage)** Brooklyn, NY  
*Web developer* *May 2009 - May 2010*
  - Helped redesign three “verticals” (Entertainment, Food, and Health).
  - Worked on data access code (PHP), as well as occasionally on Ruby/Rails frontend code.
  - Assumed maintenance of PHPHaml after upstream was unresponsive.
  
- **10gen (now MongoDB, Inc.)** New York, NY  
*Software Engineer* *2008*
  - Worked on Babble, the company’s multi-language cloud computing application server, developing and maintaining Python support using Jython. This project was eventually shut down.
  - Developed forum, admin, and bug tracker components for client sites using server-side JavaScript.
  - Helped directly to develop and maintain client sites in server-side JavaScript.
  
- **Sixth Floor Labs** New York, NY  
*co-founder and lead developer* *June 2006 - Nov. 2007*

Sixth Floor Labs was my fresh-out-of-college business idea. A couple of friends and I tried to develop a video game using the Ransom model for publishing, but due to our inexperience and not soliciting enough customer feedback, we did not succeed.
  
- **Rensselaer Polytechnic Institute** Troy, NY  
*Teaching assistant* *Jan. 2006 - May 2006*
  - Major duties included grading, drawing up project assignments, one-on-one tutoring, and proctoring.
  
- **Rensselaer Polytechnic Institute** Troy, NY  
*Tutor* *Sept. 2003 - Dec. 2005*

## Education

- **Rensselaer Polytechnic Institute** Troy, NY  
*summa cum laude* *Sept. 2002 - May. 2006*
  - B.S. in Computer Science, B.S. in Psychology, M.S. in Computer Science (thesis on data mining)
  
- **Stuyvesant High School** New York, NY  
*student* *1998-2002*

## Interests

- Games, the open source movement, the digital divide, geek feminism, and the broadening of computer technologies to be ever more powerful and useful to those who don’t necessarily understand them.
- Human-computer interfaces, foreign languages, compilers, version control systems, programming languages.

## Sample work

Please see <http://www.betacantrips.com/portfolio/>.