

## MARINA ZHURAKHINSKAYA

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### SUMMARY

Outreach specialist with a focus on free and open source software community diversity and inclusion.

### EMPLOYMENT

#### **Red Hat**, Westford, MA

*Senior Outreach Specialist, Employment Branding & Communications Outreach* July 2015 – Present

*Community Engagement Lead, Desktop* September 2013 – July 2015

*Senior Software Engineer, Desktop* January 2008 – September 2013

*Senior Software Engineer, Online Services* January 2006 – January 2008

- Created and co-organized Outreachy, formerly Outreach Program for Women. The program offers paid, remote internships for people from groups underrepresented in free and open source software and has had 244 interns with dozens of free and open source software organizations since 2010. The responsibilities include creating program resources, working with coordinators from participating organizations to communicate common standards, fundraising, promoting, reviewing applications, communicating the expectations to the interns, and organizing online support meetings for the interns.
- Coordinated the GNOME Project's participation in Google Summer of Code and Outreachy internship programs. Recruited mentors, reviewed applications, communicated the expectations to the interns, organized interns' presentations at the yearly conference GUADEC.
- Created and ran GNOME newcomers workshop and tutorial, which serves as an introduction to GNOME and the tools of contributing to GNOME.
- Developed code in JavaScript and CSS for GNOME Shell, the GNOME module responsible for the look and feel of the desktop.
- Developed code in Python for Online Desktop, a now deprecated GNOME module responsible for integrating the information from the user's online accounts into the desktop.
- Developed code in Java and used an SQL database for Mugshot web application, a social network which allowed users to share and discuss visited web pages and aggregated their activity on other sites, such as Netflix, Amazon, and Twitter.
- Created an application for Facebook that displayed the activity aggregated by Mugshot in the user's Facebook account.

#### **MIT Lincoln Laboratory**, Lexington, MA

*Associate Staff in the Space Situational Awareness Group* July 2002 – January 2006

- Established frequent communication with researchers who provide the requirements, managed timeline and priorities of the software team, and made a significant contribution to the design and implementation of a Java based scheduler software for satellite tracking by a new antenna experiment.
- Created a Java based system that uses latest satellite orbital information to check for potential inter-satellite threat scenarios, maintained all relevant information in an Oracle database, and made scenario results viewable through an extensive PHP user interface.
- Participated in all aspects of creation of a C++ based multi-threaded system that performs automated processing of radar imagery and communicates its progress with XML messaging via a TCP/IP socket connection to the collaborators' software.
- Improved accuracy of new image processing algorithms supplied by a researcher by 25%, while integrating them into production code.

**MIT Laboratory for Computer Science, Cambridge, MA**

*Research and thesis work in the Haystack Group*

*January 2001– June 2002*

- Created a belief layer that infers which statements stored in a personal Haystack repository are true based on the trust priorities of different statement sources and on the denial or retraction information.
- Participated in the reading group discussions of papers pertaining to information storage and retrieval.
- Developed a message logger module and search on semi-structured data.

**TechTrader, Washington, DC**

*Summer internship as a software engineer*

*Summer 2000*

- Developed a workflow engine in Java which parsed XML workflow definitions. Created a registration workflow demo.

**USPowerSolutions, Cambridge, MA**

*Summer internship and part-time job as a software engineer*

*June 1999 – May 2000*

- Designed and implemented a system for the dynamic creation of .java files and storage of data associated with the objects describing these files.
- Developed software for processing of the files in the EDI(Electronic Data Interchange) format.

**MIT Media Laboratory, Cambridge, MA**

*Research in the Object-Based Media Group*

*January – May 1999*

- Developed a properties manager that facilitated creation of hyperlinked video by automating the frame segmentation process and keeping track of the data associated with the video creation.

**NON-PROFIT LEADERSHIP**

**Ada Initiative**

*Board Member*

*September 2013 – Present*

*Advisor*

*August 2013 – Present*

**GNOME Foundation**

*Vice President*

*July 2014 – July 2015*

*Board Member*

*July 2013 – July 2015*

**AWARDS**

2015 O'Reilly Open Source Award – for Outreachy

2014 Free Software Foundation Award for Projects of Social Benefit – awarded to the Outreach Program for Women

2012 GNOME Foundation Contributor of the Year Award “the Pants” – for the Outreach Program for Women and GNOME Shell development

**SPEAKING**

“Opportunities in Open Source”, moderator, ACM Richard Tapia, February 2015

“Outreach Program for Women: Lessons in Collaboration”, Flock, August 2014

“How to be an Ally to Women in Tech”, GUADEC, July 2014

“Outreach Program for Women: Lessons in Collaboration”, PyCon, April 2014

“Diversity Outreach”, co-presenter, LibrePlanet, March 2014

“Beyond the women in tech talk”, panelist, LibrePlanet, March 2014

“Outreach Program for Women: Lessons in Collaboration”, GUADEC, August 2013

“Outreach Program for Women: Lessons in Collaboration”, LibrePlanet, March 2013

“Intro to GNOME Shell, the new look of GNOME”, LibrePlanet, March 2010

“Creating an Online Desktop Sidebar Widget for Your Service”, GUADEC, July 2008

### **EDUCATION**

**Massachusetts Institute of Technology**, Cambridge, MA

Master of Engineering in Computer Science in June 2002 **GPA: 4.8**

Bachelor of Science in Computer Science in June 2001 **GPA: 4.6**