

# Mariya Zakhalyavko

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**Objective:** To acquire a professional position in the software development field that will use my previous experience, technical skills, and problem solving capabilities.

## Education:

- ◆ Carnegie Mellon University, Pittsburgh, PA  
(Expected Graduation December 2011)
  - Bachelor of Science in Computer Science
  - Minor in Biology
  - Overall cumulative GPA: 3.5 / 4.0
- ◆ Brookdale Community College, Lincroft, NJ (2005-2008)
  - Mathematics, Programming, and English classes during High School.
- ◆ High Technology High School, Lincroft, NJ (2004-2008)
  - High School Diploma, June 2008
  - Overall GPA: 4.0 / 4.0

## Skills:

- ◆ Programming Languages
  - C/C++, Java, Ada, Perl, ML, Ruby, Javascript, HTML, CSS, LaTeX
- ◆ Operating Systems
  - Windows, Mac, Unix, Linux
- ◆ Software
  - Mathematica, MATLAB, Eclipse, Dreamweaver, Photoshop, InDesign, Autodesk Inventor
- ◆ Microsoft Office
  - Word, Excel, PowerPoint, Publisher, Access, Visio

**Courses:** Computer Networks | Artificial Intelligence | Web Application Development | Information Forensics | Operating Systems | Algorithms | Introduction to Computer Systems | Principles of Programming | Technical Communication

- Experience:**
- ◆ Internship at Lockheed Martin, Orlando, FL (Summer 2011)
    - Worked on the UK Combined Arms and Tactical Training project.
    - Implemented performance improvement code, such as caching that enhanced performance by 50% and restructuring software to take advantage of multiple processors.
    - Wrote Interface Control Document (ICD).
    - Debugged and tested code changes; gathered statistics on performance improvement.
  - ◆ Internship at Lockheed Martin, Suffolk, VA (Summer 2010)
    - Worked on the Deployed Virtual Training Environment project.
    - Participated in developing the simulation of a new aerial vehicle.
    - Wrote user manual for the new simulation environment.
    - Created test procedures and traveled to Burlington, MA for integration testing.
    - Debugged the simulation software during development and after testing.
  - ◆ Summer Research Institute (SRI), Carnegie Mellon, Pittsburgh, PA (Summer 2009)
    - Carried out biological research in ribosome assembly.

- Leadership:**
- ◆ Presented CMU's Women at School of Computer Science (SCS) at the AAAS conference. (Feb 2011)
  - ◆ Carnegie Mellon University Yearbook Design Editor (2009-2011)
  - ◆ Created and conducted computer science-related scavenger hunts for middle school children for a Women at SCS program, TechNights. (2009, 2010)
  - ◆ Provided basic computer literacy lessons for senior citizens through local library. (2007)

- Honors:**
- ◆ Dean's List (2011)
  - ◆ Judith Resnik Challenger Scholarship (2008-present)
  - ◆ Allen Newell Undergraduate Scholarship (2008-2010)
  - ◆ Girl Scouts Gold Award – equivalent to an Eagle Scout rank (2008)

**Citizenship:** U.S. citizen

**Security Clearance:** Secret