

School Address:  
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Loudonville NY 12211

**Mary Ritchie**  
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Permanent Address:  
1018 Velasko Road  
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## EDUCATION

Siena College, Loudonville NY  
Bachelor of Science, Computer Science  
Business Minor, Information Systems Certificate  
GPA: 3.13

Graduation May 2015

## HONORS AND AWARDS

- Dean's List: Fall 2013 and Spring 2014

## COMPUTER SKILLS

- Proficiency in: Java, SQL, HTML5, CSS, JavaScript, PHP, jQuery, AJAX, Linux/UNIX, PuTTY, Bash Scripting, IntelliJ IDEA, Eclipse, Oracle, pgAdmin, MySQL, TortoiseSVN, Oracle VM VirtualBox, Excel, and Access
- Familiar with: Python, Crontab, GIS, Assembly Language (MIPS), and Alice

## RELEVANT COMPUTER SCIENCE AND INFORMATION SYSTEMS COURSE WORK:

- Software Engineering, Database Management, Web Application Development, Object Oriented Programming, Analysis of Algorithms, Management Information Systems, Data Structures, Assembly Language and Computer Architecture, Intro to Programming, Problem Solving with Spread Sheets

## RELEVANT BUSINESS COURSE WORK:

- Financial Accounting, Managerial Accounting, Organization and Management, Marketing, Principles of Economics: Macro

## EXPERIENCE

- Systems Engineering Co-Op, Saab Sensis Corporation, East Syracuse, NY* June 2014 to August 2014
- Collaborated with Technical Site Personnel and Software Engineers
  - Programmed in Java to add capabilities to system level applications
  - Used SQL to perform data analysis and improve software efficiency
- Web Developer Intern, NYS Department of Health, Menands, NY* January 2014 to April 2014
- Built an Organizational Chart Application using jQuery, AJAX, Java Servlets, JSP, and CSS
  - Worked with Hibernate and Oracle to save employee data
  - Improved problem solving skills and ability to work under pressure
- Office Assistant, Writing Center, Siena College* Fall 2011 to May 2014
- Worked to input files into college website
  - Answered phone calls and made appointments
- Team Member, Object Oriented Programming, Siena College* Spring 2013
- Implemented Ticket To Ride Java Applet Simulation
  - Improved team work skills
  - Developed skills in Object Oriented Programming

## ACTIVITIES AND INTERESTS

- Member, Women in Computing Club, Siena College* Fall 2011 to present
- Elected Vice President in Spring 2014
  - Interested in getting more women involved in this field