

## **Mitchell Rysavy**

900 3rd St NE, Kasson, MN 55944

(507) 358-4908

mitchell.rysavy@gmail.com

<http://d.umn.edu/~rysau001>

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### **ASPIRING SOFTWARE ENGINEER**

Self-motivated, quick-learning individual driven by a deep interest in computer science looking to join a high-energy development team. Experience working both individually and with others using current, industry standard software and development tools. Skilled writer and communicator. Brings passion and new ideas to any project.

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### **Skills**

Programming languages:

- Experience with C# / .NET, Objective-C, and C/C++
- Working knowledge of Perl, PHP and Scheme
- Working knowledge of Ruby, Javascript, HTML/CSS and other web technologies

Operating Systems Familiarity:

- Windows: 10+ years of experience on desktop systems.
- Apple OSX: Currently in use on main system.
- Linux: 5+ years of experience with various distributions, notably Debian/Ubuntu and Arch Linux.

Also have experience in version control and collaboration software such as Git and Subversion.

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### **Education**

#### **University of Minnesota-Duluth**

Computer Science / Mathematics

Duluth, MN (Fall 2012 - Spring 2016 (expected))

Second semester freshman (43 credits completed / sophomore status)

Cumulative GPA: 4.0

#### **Kasson-Mantorville High School**

Kasson, MN, (Fall 2008 - Spring 2012)

Cumulative GPA: 4.0

Classes: AP Spanish, AP English, AP Statistics, AP Calculus

Honors/Achievements: Academic Letter/4.0 GPA (2009-2012), Perfect Attendance (2010-2011), National Merit Commended Scholar (2011), Citizenship Award (2012), Senior Class Secretary (2012)

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## Experience

**Developer**, Mobile Language Learning Group, University of Minnesota-Duluth, Fall 2012 - Present

- Working with other students and faculty to design and develop apps for mobile devices such as the Apple iPad for use in foreign language education.
- Currently on a team developing an application specifically for students studying abroad.
- Application integrates mapping technology with web services and location-based multimedia with the intention of aiding present and future students studying abroad.
- Working with Objective-C/Apple Xcode for application development, Ruby & CouchDB for content server, and Git for collaboration/version control.

**Teen Columnist**, Rochester Post-Bulletin, September 2010 - September 2011

- Wrote ten 400-word columns throughout the year for publication in the newspaper.
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## Personal Projects

- Web development: Have used PHP, MySQL, Ruby, CouchDB and HTML/CSS/Javascript to create simple websites and applications.
  - Game development: Have used the Microsoft XNA framework with C# to make simple games and demos for the PC and Xbox 360.
  - Desktop applications: Have designed and written many Windows applications, such as:
    - TCP client/server chat clients and games
    - A fully customizable desktop clock widget
    - An application that, when given a picture and a few words, crawls a thesaurus for many synonyms and generates a picture by coloring the words.
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## Activities

**University of Minnesota-Duluth Honors Student Association**, Sept. 2012 - Present

- Participate in group and individual volunteer activities, such as city park grounds work, canvassing, and reviewing student-submitted articles for inclusion in a journal.

**Secular Humanist Association (Secretary)**, University of Minnesota-Duluth, Oct. 2012 - Present

- Helped with group events for fundraising and charity drives.

**Concert Band/Choir (Secretary)**, Kasson-Mantorville High School, Sept. 2011 - June 2012

- Tenor saxophone section leader
- Choral baritone section leader
- Created and managed a web presence for the music department across different social media outlets. This included a Facebook group, a Google+ Page, and a YouTube channel.