Raymond L. Finzel

210 Colorado Ave
Morris, MN 56367

(320)288-6357

519 3rd Ave SE
Minneapolis, MN 55414

raymond.finzel@valpo.edu

Objective:

Work as a developer in a position where flexibility and diversity of programming background will be valuable assets. Always willing and wanting to learn.

Skills:

- Proficient with Python, Java, C, and Processing

- Familiar with Javascript, PHP, SQL, BASH scripting, C++, RISC assembly languages (MIPS, PIC), Fortran

- Design experience with HTML5, CSS3, typesetting with TeX. Formal graphic design training. Inquire for examples.

Extra Skills:

- Proficient with Windows(XP,Vista,7,8), Linux(openSUSE, Fedora, Ubuntu), and Solaris UNIX(9.0) operating systems

Employment History:

- 2013
  Contract Labor / Consultation
  NASA SEAC4RS Houston, Texas
  Prepared, launched, and tracked balloon payloads consisting of Electrochemical Ozonesondes or Cryogenic Frostpoint Hygrometers.

- 2012-2013
  Linux Lab Administrator
  Department of Math and Computer Science Valparaiso University, IN
  Managed a small linux lab, performing tasks such as user management, printer setup, remote access configuration, and error resolution.

- 2010-Present
  Technologist
  Tropospheric Ozone Pollution Project Valparaiso University, IN
  Responsible for data processing automation with Python, Android development, PCB design, and website development with PHP and Python.

- 2010-2013
  Radio Programming Director
  WVUR-FM Valparaiso University, IN
  Managed a 20+ person DJ staff, keeping station programming appropriate and DJs accountable for their shows.

Education:

- B.S. Computer Science Valparaiso University, 2013

Honors and Awards:

- Captain and Charter Member of the Morris Area FIRST Robotics Team, 2007-2009

- 1st place SDSU Program Design Competition, 2008

Human Being

Hobbyist:

- President of the Music Enterprise Student Association (Music Business Club)(2012-2013) and a major sound equipment enthusiast. Certified Generation Next Program completer by the National Association of Music Merchants.

- Performed with the Valparaiso University Chorale from 2010 to 2013, with Hooked On Tonics acapella group during the same time period, and with a small rock band during 2013.

- Best New DJ at the student run WVUR radio, Valparaiso University, in 2010.

- Ballroom Dancer with VU Ballroom 2009-2011

- Avid walker, occasional runner. Lover of the outdoors.

Tinkerer:

- Currently using a 60 dollar Dell Optiplex I bought on ebay and upgraded with 40 dollars of DDR2 RAM. OpenSuse linux and a bit of invested time has transformed it into the most powerful computer I've ever owned. I host a Git server for a friend and me (and he has a 1500 dollar computer), and have made the thing web addressable so I can use it to host files so they are accessible wherever I go. You know, so long as I remember the syntax for scp.

- Open Source enthusiast. I haven't contributed to any major projects, but I hope to! I've Apache licensed a few of my own small works, and hopefully someone finds them useful some day. Minimally, Open Source helps me to be a better programmer. If the docs aren't helpful implementing a function from a module I'm using in Python, I'll just find the source, crack it open, and figure out how to apply it from there.

Upstart:

- Received undergraduate research grants totaling more than 3000 dollars for projects I conceived and organized while at Valparaiso University

- Started a FIRST robotics team during high school. Team 2538, The Plaid Pillagers.

- Worked to re-found a chapter of ACM at Valparaiso University

- Was elected to homecoming court and started a rock band senior year of college.