

Florian Lorétan

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Education

- **Earlham College, Indiana** (2003-2007)
B.A. with College and Departmental Honors.
Double major in Mathematics and Computer Science.
3.65 GPA (3.89 for courses in math and computer science).
- **Vienna University, Austria** (Spring 2005)
Independently organized an academic semester abroad.
Successfully budgeted travel, accommodation and living expenses.
Awarded a certificate of German proficiency after cultivating exceptional written and spoken communication skills.
- **Independent Research** (2006-present)
Explored plant growth models using string rewriting grammars with a faculty advisor.
Presented the results at the Butler research conference.

Professional Experience

- **Ray Ontko & Co.** (spring 2006):
Experienced software engineering in an open-source environment.
Upgraded the automated build system from *makefiles* to *ant*.
Gained familiarity with Extreme Programming (XP) and automated testing.
Refactored the company's code generation utilities.
- **Earlham College Web Management & Services** (2004-present):
Improved and maintained the consistency of Earlham's large website, in terms of content, style and usability.
Assisted the migration of the institution's website to a content management system.
Communicated with departments and offices about issues regarding their webpages.
Tutored new student workers as they joined the team.
- **Iware SA (Switzerland)** (summer 2004):
Experienced software development at a commercial level.
Developed an interactive map generation tool integrated with www.nzzdomizil.ch
Translated the newspaper management application *Aboware* from French into Italian.
- **Independent Work**
Created online tools for an association of family-owned pharmacies.
Designed various drupal-based websites, including multilingual websites and collaborative online applications.
Volunteered to upgrade the website of the Arusha (Tanzania) NGO Network (discussion with the association in progress).

Skills

- Responsible, flexible and independent.
- Programming Languages: C++, Java, PHP, C#, C.
- Design: XHTML, CSS, Photoshop, Inkscape.
- Web: PHP, SQL, basic Apache configuration.
- Natural Languages: French (native), Italian (native), English (fluent), German (proficient), Spanish (intermediate).
- Experience in literary and technical translation.
- Experienced Linux, Windows and OS X user.
- Experienced with a wide variety of open-source software, including the Drupal CMS, the Eclipse IDE, and the Musix music production suite.

Other Activities

- Singer/songwriter for the rock band *Avocette*.
- Singer in Earlham's *Concert Choir* and training as a choral conductor.
- Bass player for Earlham's *Jazz Ensemble*, guest player in a faculty jazz trio.
- Double bass player for the *Blank Czechs* (Eastern-european music).
- Hiking and skiing.
- Earlham Triathlon 2007.