

# Arthur Ketcham

(509) 386-5772

305 SE 11th Street, College Place, WA 99324

talent@ArthurK.com

## Objective

I seek an junior level software engineering position leading to a career path in software project management. I hope to apply skills I have developed in the areas of programming, web development, computer science theory, small business, and Linux server administration.

## Education

**Bachelor of Science in Computer Science:** June, 2007; Major GPA: 3.44

**Walla Walla College** - College Place, Washington

**Relevant Studies:** Web Programming, User Interface Design, Databases, Java, Philosophy, Psychology, Chemistry, Teaching English in Russia

**Senior Project for Computer Science**

I have developed a web-based classified ads system, primarily for use within academic or corporate campuses. Focuses during this development process have included studies on usability, marketing, and agile development. This is intended to be released as a free, Open-Source product. See it at <http://klassica.wwc.edu>

## Skills

### Computer Programming and Scripting Languages

- **System:** C, C++, Java, MIPS and 8051 Assembly, Scheme, LISP
- **Web and Scripting:** PHP, Ruby on Rails, JavaScript, Bash, Perl, Prolog, SOAP
- **Markup:** HTML, XHTML, CSS, XML, RSS

### Operating Systems:

- **Linux:** Advanced server and desktop installation and configuration
- **Mac OS:** Mac OS 9 and Mac OS X
- **Other:** Windows (all versions), Solaris, FreeBSD, BeOS, QNX

### Server Administration:

- **Web Services:** Apache, PHP, Lighttpd, OpenSSL, Ruby on Apache
- **Databases:** MySQL, PostgreSQL
- **Network Services:** BIND DNS, Sendmail, FTP, SSH, LDAP, NFS, SAMBA

### Interpersonal Abilities

- Team collaboration, project management, developing problem solving strategies
- Maintained a large network of foreign contacts by traveling and working abroad
- Customer negotiation skills gained through freelance web design projects
- Adapting quickly to foreign environments which require new mindsets and skills

### Leadership Experience

- Elected as team leader in several academic programming projects
- Served as English teacher in Russia for nine months, teaching adult students
- Served as officer in WWC Chapter of Students in Free Enterprise
- Organized an environmental awareness and service club

## Employment History

### **Web Services, Walla Walla College - College Place, Washington**

**Associate Webmaster, Web Programmer:** June 2004 - Present

- Development and maintenance of campus and department websites
- Typo3 CMS deployment, maintenance, and template production
- Assisting academic departments with web applications and web site administration
- Web application development with PHP and Ruby on Rails
- Apache 1.3 and 2.0 server administration with PHP, Ruby on Rails, SSL

### **Moscow English Language Center - Moscow, Russia**

**English as a Foreign Language Teacher:** September 2005 - June 2006

- Classroom and offsite English instruction for adults and teenagers
- Adaptation to foreign environments, Learning language in immersion setting

### **Circle Educational Resource Center - College Place, Washington**

**Web Application Developer:** November 2003 - June 2004

- Developed database driven web-based applications using PHP, Perl, HTML, CSS, JavaScript, and SQL
- Redesign and maintenance of a very large educational resource website

### **WWC Graphics and Technology Department - College Place, Washington**

**Graphics Lab Technician:** September 2002 - April 2003

- Design of department website using Macromedia Dreamweaver and Flash
- Providing assistance to lab patrons using many tools for academic projects
- Self-guided training of graphic design applications in a Mac OS X environment

## Achievements and Activities

- Students in Free Enterprise (SIFE): Community service and education oriented projects, often involving local businesses; Participant on team which won two regional championships
- Campus Clubs: SIFE, ASWWC, Biology, Computer Science, History, German clubs
- Open Source Advocacy: Member of campus Linux User Group, Providing support to new users, Sharing system administration duties, contributing patches to the popular Typo3 CMS system

References available upon request