

Michael Hines

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Objective

Seeking a full-time opportunity to apply my creative talent and knowledge of algorithms and user interfaces for the design and development of innovative projects through the use of emerging technologies on the Internet and in social media

Education

University of Illinois at Urbana-Champaign
Bachelor of Science in Computer Science
Specialization in Human-Computer Interaction

Expected graduation: May 2010
2.7/4.0 GPA

Skillset

Experienced in C#, ASP.Net, Ruby/Rails, JavaScript, jQuery, Flash, Flex, Java, C++, Python, PostgreSQL, MSSQL, Objective C
Familiarity with development in Windows, MacOS X, and Linux environments

Experience

Software Engineering Intern

May 2009 - Present

Common Ground Publishing

- Key contributor to the development of the Common Ground publishing platform using Ruby and the Rails framework
- Developed e-commerce system for multi-million dollar revenue stream through Authorize.Net and ActiveMerchant
- Configuration and administration of a Linux server running CruiseControl.rb, Passenger (mod_rails), and Apache2

Research Assistant

January 2006 – December 2009

Department of Computer Science UIUC
Professor Samuel Kamin

- Published co-author at the 2008 SIGCSE conference of "A System for Developing Tablet PC Applications for Education"
- Developed a system for cooperative and mediated learning through Tablet PCs using C# and the .Net framework
- Created much of the framework and core functionality for the project's extensibility features in Python

Course Staff

January 2006 – May 2008

Department of Computer Science UIUC
CS173 Discrete Mathematics, CS225 Computer Data Structures

- Planned and designed creative C++ projects to introduce students to complex data structures
- Led open review sessions before midterm and final exams
- Held office hours and assisted students with homework and course topics

Web Application Developer

May 2005 – August 2006

Wade & Partners
Elgin, Illinois

- Created a public online conference registration and scheduling application for integration in a client's in-house system
- Developed numerous SharePoint webparts in C# and ASP.Net to increase internal communication and productivity
- Connected manufacturers and customers with a mailing list and web interface for people seeking hard-to-find parts
- Increased traffic in an entertaining way with Adobe Flash "Loading Dock" game

Systems Advisor and Developer

May 2003 – August 2005

Complete Building Maintenance Co.
Lombard, Illinois

- Trained senior sales staff and administrative assistants on company software
- Devised time-saving application for generating customer reports saving several hours every day

Leadership and Activities

- Served on the executive board and technology chair for Phi Kappa Sigma
- Graduate of the 2007 Men of Honor leadership conference
- Member of the university rock climbing club and chess club