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Experience

Web Developer at ACEware Systems, Inc. - February 2012 to Present

Develop custom continuing education software called ACEware Nxt that can do the following things:

- User account creation and modification

- Students can search, register, enroll, and pay for classes

- Instructors can modify class information and communicate with students enrolled in their classes

- Staff members are basically admins with CRUD functionality on almost everything in the system

Server administration and setup via Amazon Web Services EC2 instances

Database administration via command line and MySQL Workbench for a MySQL database

Software development via Eclipse IDE, Java, Java Server Faces, and XHTML all on top of Apache Tomcat 7

Features which I have been the lead developer including database scripts, java code, and front end development:

- Duplicate user search and merge

- Password utilities such as change and forgot

- Instructor ability to email class roster

- CRUD functionality for the database table code values

- Ability to group users as family for marketing, registration, and payment purposes

- Custom staff home page with notifications for important staff issues

- Update of entire project libraries

- Advanced class and student search for staff users with the ability to download results as a .csv file

- Batch creation and enrollment of users in a class given only first name, last name, and email address

Undergraduate Teaching Assistant - August 2011 to February 2012

Attend CIS 115 Introduction to Computer Science and CIS 200 Fundamentals of Software Design Lab

Assist students in understanding basic programming concepts such as variables, conditionals, and loops

Assist students in understanding basic web development skills such as HTML, CSS, and JavaScript

Web Developer at Office of Mediated Education - November 2010 to February 2012

Developed static web pages with HTML, CSS, and JavaScript for various departments at Kansas State University

Developed the following web applications using previous technologies as well as Django, jQuery, and jQuery UI:

- Survey like application named C.L.E.I. for the University Life Cafe

- Weekly schedule application with admin interface for Kansas State University Help Desk hours

Collaborated with team of developers using git and public/private GitHub repositories

Participated in the full life cycle (design, development, testing, production, and maintenance) of web applications

Skills

Software: Visual Studio, Eclipse, Terminal, Sublime Text 2, Notepad++, PuTTY, WinSCP, FileZilla, Microsoft Office

Programming Languages: C#, Java, Python, c++, c, PHP, JavaScript, SQL (MySQL, PostgreSQL, SQLite), HTML, CSS

Frameworks: Django, JSF, .NET, Qt, jQuery, jQuery UI, Skeleton, Bootstrap

Version Control: Git and GitHub, Subversion and Subclipse, Subversion and AnkhSVN

Hosting Platforms: Amazon Web Services, WebFaction, GitHub Pages

Other: Fluent in Spanish

Education

Kansas State University - August 2009 to December 2012

Degree: Bachelor of Science in Engineering

Major: Information Systems

Minor: Business

GPA: 3.256

Cloud County Community College - August 2009 to May 2009

Summary: Completed a year of engineering prerequisites with a GPA of 3.8