**Interview Key Points**

**Presentation**

**Slide 1:**

Project List

* MS Thesis
  + Brief Overview
  + Highlight time management and research
* Divvy and Wishlist
  + Brief Overview
  + Code technology same as what is used here
* Site Redesign
  + Brief Overview
  + Team and how I managed
* Database Transition
  + Brief Overview
  + Team
  + How I managed my portion of the work

Show

* Template Login with ajax checks

**Slide 2:**

What I Did and How I Managed it

What I Did

* MS Thesis
  + What I Did
    - Designed algorithms
    - Collected data
    - Built software
  + How I managed
    - Time Management
    - Work with faculty
    - Excel, calendars, equipment
* Divvy and Wishlist
  + What I Did
    - Built Backend and Code
  + How I managed
    - Planning
    - Clear Goals
    - Teamwork
* Site Redesign
  + What I Did
  + How I managed
* Database Transition
  + What I Did
  + How I manage

**Slide 3:**

How I managed my portion of the work

Reporting to Management and Supervisor

How I Managed

* Time Management
  + Organization and Planning
* Team Work
  + Clear Deadlines
  + Meetings
* Site Architecture
  + MVC Design Patterns
* Testing
  + Unit Testing

Software Used to Manage

* Git
* Excel
* Word
* Dropbox
* CN
* WinSCP

**Slide 4:**

Problem I Overcame

Problem:

* Site Architecture (Work and Personal Projects)

Solution:

* Careful and thoughtful design
* MVC Patterns
* Responsive First
* Team Work and Collaboration

Show

Code Structure and Classes

**Instructions for Presentation**

Walk through a work sample

Tell them about what I did

How I managed my portion of the work

* Reporting to management or supervisor
  + Who I worked with to determine outcome
  + Necessary milestones
* Software used to manage
  + Git
  + Excel
  + Word
  + Dropbox

Talk about one problem I overcame

* Problem
  + Archtiture and code reusability
* Overcame
  + Planning
  + MVC Design Patterns

You have been asked to be prepared to walk us through a sample of your own work used in one of the work samples provided in your application.

* Talk to us about what you did and how you managed your portion of the work, including:
  + reporting to any management or supervisor (Career Fair CSO Transition)
  + those you worked with to determine that the project accomplished the necessary milestone(s)
  + the software you used to manage it
  + and one example of any problems encountered and how you made it through (dealt with) them.

**Key Points**

**Discuss**

I am really comfortable with these technologies

* (PHP, MySQL, CSS3, HTML5, Javascript, JQuery, JSON)

Ecampus seems like a close knit entrepreneurial team and I thrive in this environment

Growing Passion for Mobile, Responsive Design

Passion for excellence

Coding Style

* Clear
* Modular
* Well documented
* Well thought out
* Version Control (Git)

File System Design and Construction (MySQL database)

**Work and Graduate School**

Thesis

* Software and Thesis
  + Designing Radiation Detection Software

Student Life

* Database Transition
* OSU Staff Drive
* Departmental Analysis (java and python)
  + 80 page and 5 page report

Student Developer

* Front and Backend
* Monitor display (OSU templates and frameworks)
* Tools: Cold Fusion Javascript HTML CSS

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Old** | **New** | **Reduction** |
| **Files** | 2,191 | 256 | 12% |
| **Folders** | 434 | 36 | 8% |
| **Size** | 503 | 135 | 26% |

**Personal Projects**

* Divvy
* ShareShare
* Wish list
* File System Design and Structure

**Coding Style**

* Clear Modular
* MVC design Patterns
* Highly Commented and Understandable
* My Current Work with Reusable Template
* MySQL database design and integrity
* Simplifying complex data and making it so everyone can learn
* Doing things understandable by anyone
* Passionate about continued learning
* Passionate about UI design and web services

**About**

* OSU Ecampus
  + Fast growing, entrepreneurial organization with commitment to excellence
* Three Main Areas
  + OSU ECampus
  + Open Oregon State
  + OSU Summer Session
* Stats
  + Over 1000 classes online

**Questions**

1. What are some current projects
2. Future dream projects
3. Can you elaborate more on how this position works with other positions and people
4. How are you incorporating the growing tablet and mobile emphasis
5. What are some goals of the team
6. Survey students to see what they need
7. Study room reservations Make better

**Position**

**Position Summary**

* Programming and multimedia support
* Part of Course Development and Training Team
* Collaborates with Faculty, administrators and other clients
* Design and develop instructional technology and other web-based educational resources for courses and modules
* Design, tests and implements web applications

**Position Duties**

Application Development (40%)

* Design, develop, analyze and maintain scalable applications
  + PHP, MySQL, CSS3, HTML5, Javascript, JQuery, JSON
* Implements projects in various scripting languages and technologies
* Respond to cross platform browser compatibility issues
* Develop Applications with adaptive responsive design
* Paying attention to mobile accessibility
* Design and develop analytical reporting tools based off of data or other needs from a Learning Management System or Content management System
* Reviews production of web applications for online classes and modules

Application Design (30%)

* Design Visual Interfaces for course and modules to improve user experience
* Develops wireframes for web applications along with elegant solutions to complex web application workflows.

Research and Assessment (15%)

* Researches and develops methods and technology that promote instruction and learner retention and impart knowledge.
* Identifies emerging technologies and resources used toward project completion.
* Builds long term positive relationships and collaborates with faculty, instructors, and content experts to identify needs.
* Conducts regular email or telephone contact with current project participants.
* Assesses and evaluates the effectiveness of technological components and products. Researches and suggests improvements.

Trouble Shooting and Support (10%)

* Troubleshoots LMS (Learning Management System) or web application to resolve issues and diagnose technical problems that affect the work of OSU Ecampus’ clients/users
* Assists with troubleshooting problems for end-users.

Professional Development and Service (5%)

**Position Summary**

The Web Developer provides programming and multimedia support for OSU Extended Campus programmatic and course needs. This position works as part of the Course Development and Training team, collaborating with faculty, administrators and other clients to design and develop instructional technology and other web-based educational resources for courses and modules.

This Web Developer designs, develops, tests, implements, and maintains web and multimedia applications. This position collaborates with colleagues in OSU Extended Campus and other partners to design and assemble the programming and media necessary to carry out design plans as conceived by assigned instructional designers.

**Ecampus**

OSU Extended Campus is a fast-growing, entrepreneurial organization with a commitment to providing access to Oregon State University’s programs of excellence. OSU Extended Campus has three main programmatic areas: OSU Ecampus (online degrees), Open Oregon State (open educational resources), and OSU Summer Session.