

Membership Management App

EduCyber is a web development firm that builds customized web sites and web applications for its customers. We work with an assortment of nonprofit and for-profit companies both in the Denver area, and around the country. Our client's sites see tens of thousands of visitors a day, and take in millions of dollars in revenue.

Project Description:

EduCyber has a growing user base for its existing Membership Manager application suite. This application manages four membership organizations in the Denver Metro Area. Currently, the software runs as a set of WordPress plugins.

This project will consolidate the codebase into a single, well-structured plugin. This will allow for a stable, more organized application, as well as allowing quick deployment to user sites.

Student Outcomes:

- Work with real-world Enterprise software and positively impact local businesses.
- Become familiar with WordPress, the Internet's most common website platform
- Learn Object Oriented PHP
- Learn how to interface with Enterprise API's such as Authorize.net and iContact.
- Work in a Test-Driven Environment using GitLab CI

Project Goals:

- Ensure code correctness by designing unit test using PHPUnit and GitLab CI
- Map procedural scripts into Object Oriented code
- Design testable Interfaces to consume existing API's

Technologies:

- PHP 7
- jQuery
- GitLab + GitLab CI
- HTML5/CSS3
- MySQL

Team Size:

- 3 – 5 people

Location:

- EduCyber's Wheat Ridge office
- Willing to accommodate with class schedule as needed
- If COVID-19 persists, work will be done remotely with share tools.

Work Details:

Work will be between the hours of 9:00 – 5:00, Monday – Friday as schedules allow.

Participants can join us for Friday afternoon food and drinks (beer for those of age) starting at 3 PM.

Students that meet or exceed project expectations may be offered internship opportunities which can extend into a part-time position.