

# David Mulhern | Developer

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## Objective

To become a utilized resource among talented, creative individuals.

## Ways I Can Contribute

I am experienced with the entire software development life cycle and can contribute to projects in many ways:

- Brainstorming and wireframing
- Creating entity relationship diagrams, converting these ERDs to ddl and dml scripts
- Generating domain classes and utilizing them within ORM frameworks
- Creation of controllers to manage those classes and other business logic (and the views to render the truth the controller posits)
- JQuery interface elements capable of manipulating data via ajax.
- Ensuring quality through Test-Driven-Design (if allowed) and automated testing with xUnit or Selenium RC for front-end.
- Experience launching a successful public facing app on time and within budget (including creating and managing a team to help with the effort)
- Agile tools and methodologies are used to make sure each build contains solutions the customers need.

## Technology

**MVC**, User Flow (**Wireframing / Prototyping**), OOP, Doctrine **ORM**, **JQuery**, XSLT / **XML** / XPATH / DOM Traversal and Manipulation, UI Design (from **Photoshop** to **CSS**), **RDBMS** (AS400 DB2, MicrosoftSQL, Postgres, MySQL), Automated Testing (**PHPUnit** / **Selenium**), Cloud Services (**EC2 / S3**), Learning Management Standards (**SCORM**, **QTI 2.1**, Moodle Export), **CMS** (Drupal, Wordpress, Joomla)

## Product Lead / Architect

### Glynlyon

Phoenix, Arizona — 2008-Present

Lead Developer & Architect for an online home school product. I am responsible for selecting technology, developing new features and expanding the team.

- I pitched the idea, created the prototype and brought it to production.
- The product was profitable within four months and has thousands of paying customers.
- The project has been in production for two years and is still growing.

## Creative Director

### Odysseyware

Phoenix, Arizona — 2003-2008

Responsible for creating database driven PHP web applications.

## Multimedia Director

### Rockford Corporation

Tempe, Arizona — 2001-2003

Created interactive trainings for multiple brands.

## Director of Animation

### Bridgestone Multimedia Group

Phoenix, Arizona — 1999-2001

During this period of time I directed 3D animated cartoons.

More projects and details can be found at [davidmulhern.com](http://davidmulhern.com)