

# Brian Detering

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[briandetering.net](http://briandetering.net)  
[github.com/DubFriend](https://github.com/DubFriend)

## Skills

### Methodologies

- Object Oriented Design and Patterns.
- Test Driven Development.
- Ajax and heavy client side architecture.
- Database Design and normalization.

### Tools

- **Advanced** : PHP, MySQL, JavaScript, Python
- **Proficient** : C, C++, Java, Haskell

## Projects

### Document Browser and Content Management System

The application is used to generate a browse-able documentation program that ships with the companies products. It allows for an arbitrary file structure, and supports language internationalization.

The generated program is written in HTML and JavaScript. The content management system is written in Python.

### Student Logging and Comment System

The Student Log program is a web application that allows Tutors to log a summary of each students daily activities. Parents can access reports via a secure login, and post comments to their child's profile.

Management capabilities include fine grained search results of all logs and comments.

### Curricula

Curricula is a Wiki like web application, designed to organically create a curriculum around a subject. Users can follow pathways from beginner to advanced material. Subjects are overlaid with a network of reference material and quizzes. A voting metric is used to rank user generated content.

## Interests

Guitar, Keyboard, [projecteuler.net](http://projecteuler.net), [hackerrank.com](http://hackerrank.com).

## Education

University of California San Diego  
B.A. Mathematics