

Jon Paul Simonelli

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Education

Skidmore College, Saratoga Springs, NY – B.A. Computer Science, GPA 3.0, 2014

Skills

LANGUAGES

PHP, HTML5/CSS3, Java, JavaScript, MySQL, SQL Server, Ruby, Python, Perl, C, Swift

FRAMEWORKS

Laravel, Bootstrap, jQuery, ASP.NET, Ruby on Rails, Django, CodeIgniter

COURSEWORK

Object-Oriented Programming, Algorithms and Complexity, Theory of Computation, Concurrency, Mobile Application Development, Computer Organization and Hardware, Operating Systems, Functional Programming, Data Structures, Discrete Mathematics, Linear Algebra

Work Experience

WEB ENGINEER/DESIGNER, WOODY JONES BUILDERS (2014-2015)

Developed mobile-friendly portfolio with dynamic galleries and automated contact system. Also constructed back-end CMS for adding/managing galleries.

Projects

Full portfolio available at jptrey.com

"FAMILY FEUD"

Digitized educational game for Skidmore College statistics department. Implemented MVC pattern for deploying dynamic windows, providing an interface to create, save, and load files, and incorporating thread-safe concurrency.

"SHELF"

Designed and developed web application that stores text pages, removes excess content, and organizes articles by estimated time to read.

"GASCIOUS"

Designed and developed web application that breaks down gas costs associated with individual cars and stations by analyzing fill-up history. Utilizes secure authentication and SSH.

"STARTWATCH"

Designed and developed web application that helps users manage time and goal-setting by tracking progress over time and breaking down activity frequency. Employs AJAX calls for seamless interactivity.

"COMPUTER CLUB" CO-FOUNDER, SKIDMORE COLLEGE

Promoted discussion, tutoring, and collaboration between current and prospective CS students by co-founding club and presenting five keynotes.