Graham Nessler

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My book: http://uncpress.unc.edu/books/12448.html

Summary

I am a front-end software engineer with a focus on user experience and user interaction. In my prior career as a published historical scholar and educator, I learned the value of precision, analytical rigor, and adaptability to diverse learning styles and student needs. Now, I add value to organizations by combining these skills with knowledge of a variety of computer languages and technologies.

Skills

- **Core Technical Toolbox**: JavaScript (specific expertise in jQuery, React, Canvas, and JSON); CSS; HTML; some knowledge of CoffeeScript.
- Extensive experience with **educational technologies** such as Blackboard, Pearson eCollege, Turnitin, and the Presentain i-clicker platform.
- **Additional technologies:** Sketch, Microsoft Office suite, Atom and Sublime Text, FileMaker.
- **Non-technical skills**: excellent writing skills; experienced public speaker; proficient in Spanish, French, and English; strong leadership and teamwork skills derived from teaching, mentoring, and executing projects in teams.

Selected Projects

"Bluecifer's Revenge" (with Gabrielle Procell and Lacey Knaff)
Github   *Blog Entry*   *App Link*

Summary: We built a playable side-scrolling game where the player's avatar must avoid enemies and survive for a predetermined time. The game keeps score, generates enemies at random speeds and locations, and includes a "cheat code" as a bonus feature.
Key skills gained: greatly improved knowledge of object-oriented programming, application state maintenance, user interfaces, and test-driven development. Also enhanced communication and collaboration skills.
Tools used: Webpack, JavaScript, jQuery, Mocha and Chai testing libraries.

Idea Box (with Adam Rice)
Github   *Blog Entry*   *App Link*

Summary: This application allows a user to enter an idea in the form of a title and body, which are then transferred to the bottom of the page and stored in local storage. Users can change the quality of an idea (three possible levels) and delete ideas, which also takes them out of local storage.
Key skills gained: solid understanding of JSON, local storage, and JavaScript closures. I also became a better designer thanks to Adam's abilities in CSS.
Tools used: JavaScript, JSON, CSS.

(For other projects, please see my [projects website](#)).

Selected Experience

Front End Engineering Student, [Turing School of Software and Design](#)
Denver, CO — 2016-present

- Created projects using JavaScript, CSS, HTML and libraries such as jQuery
- Mentored other students
- Completed two-day course in iOS development, October 2016

Visiting Professor of History, [Florida Atlantic University](#), 2015-2016
Boca Raton, FL — 2015-2016

- Taught courses in United States, Caribbean, Latin American, and global history to around 200 students
- Excellent student evaluations

Ad Interim Assistant Professor of History, [Texas A&M University-Commerce](#), 2012-2013
Commerce, TX — 2012-2013

- Taught courses in United States and Latin American history at both the graduate and undergraduate levels
- Mentored students ranging from freshmen to Masters students

Education

Turing School of Software and Design
Certificate in front-end engineering — expected 2017

University of Michigan
PhD, History — 2011

College of William and Mary
BA, History — 2005

Outside Interests

- Black belt in Taekwondo
- Hobbies: hiking, cooking, playing with my cat Mal