Steven Moore

Full Stack Developer / HCI Researcher

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Education

Carnegie Mellon University
Pittsburgh, PA

School of Computer Science, HCII
Masters in Educational Technology and Applied Learning Science
8/2015 – 8/2016
GPA: 3.93 / 4.0

Georgia Institute of Technology
Atlanta, GA

School of Computer Science
Bachelor of Science in Computer Science
8/2010 – 12/2014
Major: 3.65 / 4.0

Experience

Web Developer
Westat
8/2012 - Present

- Designed and developed frontend websites to meet various clients' needs
- Programmed substantial backend systems and managed extensive databases
- Worked on Android and iOS applications for conducting surveys and location tracking

Consulting Team Leader
Western Governors University
1/2016 – 8/2016

- Managed an interdisciplinary team conducting research, designing, and programing
- Developed an Android app to deliver on-the-go learning in small segments
- Utilized both quantitative and qualitative data collection methodologies

Research Assistant
Contextualized Learning Lab
5/2014 – 12/2014

- Conducted a usability study on educational computer science e-books
- Researched and carried out a learnability study for a computer science e-book
- Wrote an undergraduate thesis on developing an effective educational e-book

Skills

Programming   C#, JavaScript, Angular, HTML5, CSS, SQL, Java, Python, Processing, R, Jess, C

Technologies   Adobe Suite, Android Studio, Balsamic, D3, Git, MySQL, PostgreSQL, SVN, XCode, Unity

Research   A/B testing, Contextual Inquiry, Cognitive Task Analysis, Prototyping, Storyboarding

Projects

Moonstone
Independent Study, CMU

Developing an Eclipse plugin to teach programmers better exception handling practices

Teaching Web Dev
Curriculum Design

Created a curriculum to teach introductory web development to non-programming students

E-Learning Data Structures
E-Learning Design Principles

Designed a system of web-based e-learning tools to teach data structures

Cycle Sac
Sacramento Gov.

Worked on an Android & iOS application to track bicycle rides and navigation issues

CSS Adventure
Educational Game

Created a videogame to teach university students Cascading Style Sheets

GitHub Modeling
Discourse Analysis

Utilized discourse analysis on GitHub data to computationally model openness and framing

Publications

E-book Usability
Undergraduate Thesis

Barbara Ericson , **Steven Moore** , Briana Morrison , Mark Guzdial, *Usability and Usage of Interactive Features in an Online Ebook for CS Teachers*, Proceedings of the Workshop in Primary and Secondary Computing Education, November 09-11, 2015, London, UK