

Steven Pautz

A user experience designer who can code;
a developer who understands usability and design.

Durham, NC
864.314.9494
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Education

MS Human-Computer Interaction

Iowa State University

Ames, IA
8/2004–7/2006

BS Computer Science

Clemson University

Clemson, SC
8/1998–12/2003

Dev: >5 years

CSS
HTML/XHTML
JavaScript
PHP
SQL (basic CRUD)
XML

Experience

Web Developer, Designer

We Geo (formerly Groopd)

Durham, NC
4/2010–present

Chief web developer and designer for a small startup. Worked on several AJAX-based interfaces (particularly UIs incorporating Google Maps and javascript charting), and a secure purchase checkout flow.

Ruby on Rails, JavaScript (especially with jQuery), database work.

Dev: 1-5 years

Agile (Scrum)
AJAX
Git, SVN
jQuery, jQuery UI
SQL (fancy)
Test-Driven Dev.

Interaction Designer, Developer

iContact

Durham, NC
2/2008–11/2009

Interaction designer and front-end developer on a cross-functional (Scrum) team. Worked on large MVC web application, RESTful API, and multiple internal tools.

PHP, JavaScript (especially with jQuery), pair programming, unit testing and TDD, rapid prototyping, and progressive enhancement.

Crafted workflows, wireframes, and functional prototypes for designs.

UX: >5 years

Conceptual design
IA
IxD
Problem definition
Prototyping
Usability testing

Graduate Research Assistant

Department of Psychology, Clemson U.

Clemson, SC
8/2006–7/2007

Built web applications to support my team's research in a cognition lab: collecting, aggregating, exploring, and exporting rich datasets.

UX: 1-5 years

Contextual inquiry
Personas
Remote testing
Storyboards
Task analysis
Wireframes

Graduate Research Assistant

Virtual Reality Applications Center, Iowa State U.

Ames, IA
8/2004–7/2006

Developed a variety of Virtual Reality and 3D graphics applications.

Created a large VR-based training system for industrial spray painters.

Application Developer

Center for Advanced Engineering Fibers and Films,
Rhodes Engineering Research Center, Clemson U.

Clemson, SC
5/2003–12/2003

Implemented a generically-programmed scientific visualization system. Heavy use of design patterns.

Web Designer and Developer

MenuPlease.com, LowCountry Software

Hampton, SC
5/2002–8/2002

Developer and lead designer for a now-extinct dot-com.

Created backend and frontend for both venture and public websites.