

# Kelly Cole

## Web Developer

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**Highly skilled front-end web developer.** Over 20 years of creating streamlined, efficient HTML, JavaScript and CSS web interfaces that have added value to thousands of end users.

**Proficient in creating a user experience.** 15 years of independent consulting work with users to understand their needs, creating mock ups, and designing quality websites with optimal usability.

### PROFESSIONAL EXPERIENCE

#### Independent Consultant

Harleysville, PA • 2007 - Present

##### **University Client**

- Modernized a critical university-wide scheduling system, including responsive web design and upgraded end-user system interaction. Obtained data via XML/JSON AJAX; populated screens dynamically (DOM).
- Developed a high-profile, targeted-information distribution system for students and staff as part of a team of business managers and developers.
- Gathered requirements; created functional designs with Mockups.
- Implemented front end with JavaScript Object-Oriented classes and libraries, Bootstrap, Backbone, and followed the MVC framework.
- Produced responsive web pages with CSS media queries/CSS Crush.

##### **School District Education Foundation Client**

- Produced an organized, visually appealing Annual Report using Google Docs.
- Created designs for a window cling decal and a stylish and informative tri-fold brochure using Canva.

##### **Multiple Local Business Owner Clients**

- Designed and constructed modern websites using GoDaddy; WCAG for PDF.
- Transferred domain, email, and web hosting.

#### Web Application Developer

Princeton University, Princeton, NJ • 2003-2006

- Applied full software development lifecycle to new version of scheduling system, using HTML, JavaScript, jQuery, CSS, AJAX, XML.
- Created drag-and-drop interface for an image database lecture-building software using HTML, JavaScript, jQuery, CSS.

#### Technology Consultant

Accenture, Florham Park, NJ • 2000-2003

- Developed tests and use cases, managed testing, led training (onsite/web).
- Designed and developed web front-end and SQL Server back-end of an internal reservation/event system, using ASP, HTML, VBScript, JavaScript, and complex stored procedures as part of a team of four developers.

### SKILLS

HTML • JavaScript • CSS  
XML/JSON • AJAX  
jQuery • JQuery UI  
jQuery Mobile  
Bootstrap • Backbone  
SQL/Relational Databases  
PHP • Git  
MVC (Model-View-Controller)  
OOP (Object-Oriented Programming)  
Responsive Web Design  
User Interface Design (UX/UI)  
WCAG (Accessibility) • Agile  
Canva • Mockups  
GoDaddy • Wix • Wordpress

### PROFESSIONAL QUALITIES

Detail-oriented • Diligent  
Collaborative worker  
Creative • Analytical  
Independently hard-working  
Clear communicator  
Organized • Problem solver

### EDUCATION

#### **Bucknell University**

Bachelor of Science  
Mathematics & Computer Science  
*summa cum laude*

### VOLUNTEER WORK

#### **Elementary Home & School**

Vice President of Communications

#### **Local Political Campaigns**

Website, social media graphics,  
print materials, communications