

HENRY COLE CLARK

UI Developer

Skills

- HTML5, cross-browser CSS, JavaScript, jQuery, AngularJS, Angular2, LESS, React
 - Bootstrap, Grunt, Yeoman, Node.js, Handlebars, Highcharts, amCharts
 - PHP and MySQL (primarily in the context of WordPress development)
 - Responsive web design (RWD) techniques, Mobile web apps
 - Git, Mercurial, Agile methodologies, Adobe Suite, Sketch
 - iOS development (basic but improving)
 - User Interface (UI), User Experience (UX) and basic design principles
-

Career

FATHOM (Global Water Management, LLC); Austin, TX

(www.qwfathom.com)

Front End Developer

April 2015 – September 2017

- User interface and user experience development for a customer-facing utility billing and water management application. High emphasis on non-expert ease of use and configurability by customers. More interesting than you might think.
- design & development of e-commerce components including ACH/pay-by-check
- customizer system allowing users to alter text in the app, including language localization
- meter-locating app using Google Maps Streetview and amCharts
- mobile app development with Ionic
- AngularJS, Bootstrap, Bootstrap UI, JavaScript, jQuery, HTML5, CSS3, amCharts, GoogleMaps, Grunt/Bower/Yeoman, Node.js, React

NIMBOXX, Inc.; Austin, TX

(www.nimboxx.com)

UI Developer

Feb 2014 – April 2015

- UI development for a software-defined data center (SDDC) startup
- Developed new user onboarding and deployment setup as a single page application
- jQuery, LESS, PHP, HTML5, CSS3, Git/Repo/Gerrit

CRIMSON SERVICES / THE ADVISORY BOARD COMPANY; Austin, TX

(www.crimsonservices.com / <http://www.advisoryboardcompany.com>)

Front End Engineer

November 2010 – Dec 2013

- Built UI for a physician billing comparison app, and graph-heavy dashboard for cost estimating app for hospitals
- January 2012: promoted to platform team, developing and implementing standard UI libraries for use company-wide
- VanillaJS, jQuery, Highcharts, RequireJS, Knockout, Underscore, Grunt, Node, Backbone, Handlebars

ELECTRIC BAT INTERACTIVE; Austin, TX

(www.electric-bat.com)

Web Developer

June 2010 – Oct 2010

- WordPress development for the corporate, marketing and player-communication/information sites for WebLords and Weblings (flagship online games).
- Created pages and templates from comps to pixel-perfect standards.
- Custom JavaScript and jQuery work including writing plugins.
- iPhone website and web app development in support of WebLords.

McLANE ADVANCED TECHNOLOGIES; Temple, TX

(www.mclaneat.com)

UI Developer (contract)

Dec 2009 – May 2010

- UI/front end developer on a team that developed an enterprise-level resource management application in ASP.Net MVC.

- Primary duties included coding user interfaces to spec using XHTML, CSS, and jQuery UI; coding interactivity using JavaScript and jQuery; and data display using Ajax techniques and JSON data format.

- Secondary duties included graphic creation and manipulation in Fireworks CS4, consulting on UX design, making recommendations on front-end code architecture and some minor controller code modification in C# and Spark.

HOUGHTON MIFFLIN HARCOURT, INC. Austin, TX

(www.hmhco.com)

Lead Applications Developer

Jun 2008 – Dec 2008

Applications Developer II

June 2002 – June 2008

- Key member of team that designed, built, deployed and produced content for an industry-leading enterprise-scale e-learning platform based on Java/JSP, Websphere and Oracle which by late 2008 was in use by millions of students across the US; provided project coordination, technical advising, UI development

- Role quickly evolved from straight programming to managing large portions of the development of the system, ranging from design and planning to coordinating external vendors to technical and business analysis in addition to day-to-day problem solving

- Led the team that administered the teacher registration, student tracking, and ecommerce systems

- Provided Tier 3 technical support and system liaison for important customers including major school systems

- Front-end Web programming using HTML, CSS, JavaScript, JSP, Ajax, Flash

- User interface design and production for dozens of online products

- Design, wireframing, prototyping and development of new applications in Flash, JavaScript and Java/JSP, including a reading tutor that saved tens of thousands of dollars in development costs

INDEPENDENT CONSULTANCY, Austin, TX

(AnvilCity Productions)

Sole proprietor

1999 – Oct 2010

- PHP development, original and modification of existing code

- Custom WordPress installation/modification/ themes

- Online stores and shopping carts with OSCommerce and PayPal integration

- Built custom CMS in ModX, integrating advertisements via OpenX and online purchases via PayPal, created and modified Smarty templates

- Enough Drupal development to be dangerous

- Integrated advertisement systems with OpenX

- Flash sites, applications, games, interactive banner advertisements

Education and Training

THE UNIVERSITY OF TEXAS AT AUSTIN; Austin, Texas

Graduate School of Library and Information Science, three semesters of graduate study; course work in research, reference, cataloging, digital libraries, advanced Internet applications, information policy and online searching

THE UNIVERSITY OF NORTH TEXAS; Denton, Texas

BAAS in Applied Sciences; multidisciplinary degree majoring in Political Science and including senior level work in Anthropology, Economics and Criminal Justice, graduated cum laude in May, 1996.

AUSTIN COMMUNITY COLLEGE; Austin, Texas

- School of Visual Communication Design; continuing course work towards the Certificate in Applied Multimedia Technology, including 2D Interfaces and animation
- School of Computer Science; continuing coursework towards the Associates Degree in Computer Science; topics included introductory programming and database design