Wray Lyle Bowling

Blog: http://wraybowling.com   Mail: wray@wraybowling.com   Google Voice: 919-444-2084
Code & Art Projects: http://rgbk.org

Principles

I like making things that are interactive, respond instantaneously, and communicate ideas elegantly. I'm big on small files that do a lot, banishing unnecessary stateful UX, documentation as I go, and recyclable object-oriented structures. When I'm not programming for work, I do it for fun, and when I'm not designing things for work I do it for fun. I'm seeking a position that is looking for someone who has a passion for bridging the gap or even managing it.

Key Skills

UX Research	gut checks / job stories / data modeling / wireframing / usability interviews / custom software & analysis
Front-End Web	complex layouts / components / accessibility & semantics / maps
Back-End Web	lightweight stacks / automation / microservices / sub-pub (Apollo)
Interactive Design	rapid prototyping / procedural motion /
Graphics	typography / 3D visualization /

Technologies & Teachings

UX	Balsamiq / Airtable / Prototype On Paper / whiteboards
Web	VS Code / Vue.js / static markdown sites / progressive web apps
Databases	MySQL / MongoDB / ArangoDB / Neo4j / Airtable
Graphics	CSS / SVG / Photoshop / Inkscape / Blender / OpenFrameworks
APIs	GraphQL (Apollo) / MapboxGL /
Office	Agile / Scrum / MacOS / Debian / Ubuntu
Project Mgmt.	Jira / Github Issues / Custom Solutions
ES2018	Webpack / Babel.js / eslint
Obviously	CSS / HTML / JavaScript

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Work Experience

User Experience & Front-End Developer Jul 2015 - Aug 2018 / Richland Library (Columbia, SC)
• Richland Library is a nationally acclaimed, South Carolina State run, public library.
• Designed buildingyourlibrary.com to showcase the renovation of 12+ physical locations.
• Designed and built two standalone kiosk applications running progressive web technologies.
  • Digital wayfinding (1 kiosk) using a Vue, Vuex, Mapbox, and Node. Hosted on Google Firebase.
  • Mood tracking (8+ kiosks) using Vue, and Google Analytics. Made open source on Github.
• Lead two years of UX research and rapid prototyping for a major web site redesign project.
• Optimized filterable event calendars with stylesheets for printing to paper.
• Obtained skills in Node.js, Webpack, Babel, Vue, Graph Databases, Card Sorts, Eye Tracking

Designer & Developer Sep 2013 - Jun 2015 / Caktus Consulting Group (Carrboro, NC)
• Caktus is a Django development shop that has an affinity for humanitarian clients.
• Designed and made art for a gamified medication adherence app targeted at youths with HIV.
• Provided UX to Mozilla for their Mozillians.org phonebook and wrote JS/CSS.
• Obtains skills in building interactive and animated mock-ups, user testing under strict privacy restrictions, code linting, progressive web applications, local storage, jinja2 templates, contributing to a git repository with heavy activity.

Designer Sep 2011 - Sep 2012 / Avelist (Raleigh, NC)
• Avelist.com was a startup company that offering list making and sharing as an online service.
• Lead the design process with the team's developers and owner.
• Created a design brief with iterations, and translated layouts into markup for templates.
• Obtained skills using UX playbooks, Mercurial, test-driven development, touch events, and hallway usability testing

Developer & Designer Jan 2010 - June 2013 / Intuvoe (Raleigh, NC)
• Intuvoe is a company that focuses on e-learning and web-development.
• Built courses for clients and improved the company's workflow by building in-house scripts.
• Built full-stack web sites and fixed existing sites for clients using various technology stacks.
• Maintained multiple relational and flat file databases.
• Optimized complex queries that included geospatial math and multiple joins.
• Obtained skills using MySQL, Drupal, CodeIgniter, Flash, git, Python, SVN, web inspectors, vim, working with various types of clients (university, startup, personal connections, commission, & otherwise)

Education

University of North Carolina Asheville Fall 2006 - Spring 2009
Degree: Interactive Multimedia Arts & Sciences (BA)
Focuses: Interactive Design / Real-time Graphics / Actionscript 3 / AJAX / Print Design

Wake Technical Community College Fall 2003 - Spring 2005
Focuses: Computer Science / Physics / Math / Writing / Public Speaking / Music Theory