

Martyn Chamberlin Resume

- **Languages:** JavaScript, HTML, CSS, PHP, Swift
- **Libraries & Frameworks:** VueJS, ReactJS, Webpack, Twig
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Work History

07/2018 to Present — Chess Com LLC, Remote

Returned to Chess.com, 500th most popular website worldwide, after a brief stint in the corporate world.

- Served on the frontend team that shipped Puzzle Rush, which proved to be a wildly popular rethinking of Chess Tactics in a single page application (SPA) in Vue. Prominently featured by Malcom Gladwell in Season 4, Episode 1 of *Revisionist History*.
- Rebuilt the frontend of Chess Lessons, another SPA in Vue.
- Assisted in the frontend for a radical redesign the logged-in home page experience.
- Worked with a research team on a Cypress-tested, lightening-fast, brand-new chessboard built in TypeScript.
- **Environment:** VueJS, ES2018, Twig, Symfony, Github, Jira, Slack, VSCode, CircleCI

03/2018 to 07/2018 — ONE Gas Inc., Tulsa, Oklahoma

Performed as contractual frontend developer for a \$3.5b public fully-regulated utility company on its web team. Improved its customer-facing SPA built in the Aurelia framework with a .NET RESTful API. Served as user interface designer for new features of the site and provided ongoing support of preexisting features and bug fixes.

- Migrated the app's build process from Gulp to WebPack 4 and set up Jest testing, TypeScript, and SCSS support, and refreshed the substantially outdated dependency libraries.
- Prototyped a multi-step wizard process for guest payment of gas bills.
- Developed a new mobile-first navigation system.
- Abstracted all the app's text into Sitecore CMS so corporate communications could easily make changes without requiring a fresh deploy, and thereby also paved the way for internationalization of the site at a future date.
- **Environment:** Aurelia, ES6, Gulp, .NET, VSCode, Visual Studio, Team Foundation Server (TFS)

10/2015 to 03/2018 — Chess Com LLC, Remote

Segued from freelancing to my first full-time job post-college. Worked with a widely distributed team on a large-scale, highly technical website. Built, improved, and debugged many features pertaining to site's multiyear architecture and design remake.

- Took the #2 most-used feature on Chess.com, daily chess, and turned it into a SPA in Angular 1.0 and then later in VueJs 2.0. Maintained reverse compatibility with the old system for thousands of daily users.
- Reworked the site's messages feature to also be a standalone SPA.
- Built a front-end assets build system in Webpack and NodeJS for VueJS, including Nginx integration with our virtual machine environment for hot module reloading (HMR), to speed up build times and enable developers to be more efficient.

- Set up a VueS build system and integrated it in NodeJS with Karma and Istanbul to generate a visual map on every single Continuous Integration (CI) build of how much code coverage the front-end test suite had. Set a CI-failing percentage threshold for this coverage so developers could write unit tests for their ES6 code and ensure that all changes were accompanied with stable infrastructure.
- **Environment:** AngularJS 1.0, VueJS, ES5 & ES6, Twig, Symfony, Github, Jira, Slack, PHPStorm

05/2014 to 08/2014 — Tapity Inc., Charlotte, North Carolina

Interned at Tapity, Inc. in the summer between junior and senior year of college. Studied successful iOS design from a company that won an Apple Design Award in 2011. Took its award winning iPhone app, Grades, and worked on modernizing it for the new versions of iOS that had launched subsequent to its debut.

- Performed iOS development in Objective-C for various apps, primarily Grades.
- Served as lead front-end developer on the landing page for a new time-tracking application the company launched that summer. Crafted screencasts and HTML5 animations on the sales page so prospective customers could demo the software.
- **Environment:** iOS, Objective-C, Swift, Xcode, HTML, CSS

02/2011 to Present — Perfection Coding LLC, Tulsa, Oklahoma

Founded a consulting company, Perfection Coding LLC, to service business owners with their website needs.

- Worked directly with clients to brainstorm and strategize their digital business requirements.
- Built the front-end and backend of WordPress sites based on comps from graphic designers and performed ongoing maintenance and support.
- Maintained InfusionSoft and email marketing strategy for Kesley Ramsden, Canada's #1 female entrepreneur at the time.
- Assisted in the redesign of BioLifeSolutions, a publicly traded company.
- Shipped Yearly, a free iPhone app in built Swift that received 14,000 downloads in the App Store in 2019.
- Built experimental side projects in Ruby on Rails and ReactJS.
- **Environment:** WordPress, PHP, jQuery, HTML, CSS, FTP, Skype

Education

Bachelor of Science, Northeastern State University, Spring 2015

Major: Computer Science

Minor: Behavioral Psychology

GPA: 3.975/4.0

Associate in Science, Oklahoma State University Institute of Technology, Spring 2013

Major: Information Technologies

GPA: 3.925/4.0