

Richard Chen, Front End Developer

Arichardchen on [LinkedIn](#), [GitHub](#) (🖥️ = work samples)

- ◆ Fourteen years turning creatives and discussions into web experiences.
- ◆ I most enjoy using vanilla jQuery/JavaScript, HTML/CSS/markup/markdown, data interchange (JSON, Ajax, RESTful), WordPress/PHP, and MySQL to turn.psd's/.xd's into web services.
- ◆ I'm most proud of expertly using a wide band of full stack (see list immediately below) experience in a creative process with product teams and designers to make work enjoyable.

Core Experience

JavaScript (6y), vueJS (1y) 🖥️ PHP7, Zend, Symfony (8y) 🖥️ SQL, HTML5, CSS, JS (14y)
APIs, REST, JSON (7y) 🖥️ AWS, Docker (4y) 🖥️ GitHub Projects, Scrum (6y)

Professional Roles

Contract roles

January 2020 - present

- January - May at StudioLabs as Frontend Developer to make pharma marketing static sites
 - Code new WordPress theme for current [PhoenixMI.com](#)
 - Code ADMA' [Asceniv.com](#) to match corporate site using HTML5, static site generator
 - Code [Baudax's Anjeso.com](#) using PHP7, SCSS, BitBucket Pipeline to AWS S3
- June - September at ArborCrowd as Tech Lead to project manage a [B2C SaaS](#) launch, no coding, only organizing 86 simultaneous procedures; they launched and moved to a non-technical PM
- November - December at Imagination as Full Stack Developer to move deployments from Jenkins to BitBucket Pipeline 🖥️, add fields in Django 🖥️ to update a long-abandoned CMS, project thus ended

Jay Franco and Sons - Lead Developer

May 2019 - Jan 2020

Founder of the textile co's tech venture to sell millions weekly automatically on [Amazon](#).

- First product is microservices which present internal Excel as data services using Python, Docker 🖥️ to setup a runtime environment, read all files, deploy it to Azure (CLI and Cosmos in SQL Server), write non-technical documentation, vet requirements, sell it to coworkers.
- Second product is to automate selling on [Amazon.com](#), formerly by uploading large custom Excel files. I invented the process to turn 16h/w into 7m/d. I used MWS (Amazon Merchant Web Services) to read internal Excel files of inventory 🖥️, purchases, vendor timings, etc., matched those to Amazon demands, generated shipping plans with Amazon MWS, retried this using internal business formulae, authorized shipments and carriers, emailed reports in Python, Selenium, Docker 🖥️.
- Use Python, Selenium, Docker, AzureSQL to automate manual Amazon Seller downloads 🖥️.
- Various one-offs like a tracking automator 🖥️, Excel to PowerBI connector 🖥️, etc.

PrivCo - Senior PHP Developer

May 2018 - Apr 2019

Adding features for the web-based subscription service of private companies' profiles.

- Resolve backend PHP tech debt in Docker, PHP (v5.3.8-5.6, Zend 1.1), databases ([Doctrine](#), MySQL 5.6-8.0), JavaScript (ES5, ES6, jQuery), CSS3 (Bootstrap 3.3.7), AWS (ECS, Cloud9, CloudFront, Lambda, SQS), DevOps ([phpcs](#) for [PSR](#), W3 validators, [ESLint](#), post-commit hook)

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- Make new user features: watchlist (like Spotify playlists for private company profiles; CRUD-compliant JSON consumed internally by JS), related companies (toggle tag/label selectors toggle relateds)
- Add filtering features to nodeJS search endpoint
- Turn 16h of manual testing into 7m of acceptance tests in Selenium, Codeception, Docker

B&H Photo Video - Salesforce Developer

Jun 2015 - May 2018

Sole frontend dev for major CRM projects for the fabled electronics retailer.

- Solo code the entire frontend of the internal dashboard which shows live sales/site traffic in HighCharts, ES5 (JS), Agile, responsive grid, DataTables, D3 (JS charting), JSON(P)
- Solo code 2 generations of the frontend of the company-wide customer service Salesforce app which shows all customer data (order/returns history, surveys, profile, etc.) when one calls/emails/chats using Salesforce VisualForce app, Scrum, HTML5/CSS3/ES5, CI (Travis).
- Edit AngularJS (v1.2) webapp to enable live price matching of competitors.

Council on Foreign Relations - Web Developer (6mo contract)

Dec 2014 - June 2015

Frontend templating at the century old think tank.

- Redesign, test, compile templates for new [ForeignAffairs.com](#) in Drupal 7, RedMine, JekyllRB, GitHub Pages, [compass](#), [SASS](#), [zen-grids](#), [breakpoint](#), BrowserStack, Scrum SDLC, [VagrantUp](#)
- Redesign [CFR.org](#) in PHP (proprietary MVC), HTML5/CSS3/ES5, vanilla ES5 JS
- Add new features to [Brand.cfr.org](#), [Blogs.cfr.org](#) in WordPress, jQuery, PSD, Git, MySQL
- Update [CFR.org/interactives](#), [IPS.cfr.org](#)'s login, editors in AngularJS, Vagrant, MySQL, JSON
- Extensive offshore communications via Jira, Textile, Skype, Github, Google Hangouts, JoinMe, Fos-Wiki, HipChat, Zoom, etc.

Catch-NYC – Front End Developer

Jun 2013 - Dec 2014

Frontend development on many platforms for the fast-moving digital agency.

- Dev new marketing sites for [AARP Media Sales](#), [Partners for a Healthier America](#), [AND1](#), [AVIA](#), [Catch New York](#)'s own, [IISL.com](#), Loews Hotels' Facebook app "Where You Want", [NY Genome Center](#), [Perello Building](#), [Sapphire Office](#), [Yourbook](#) (PHP, Laravel, [Adobe PhoneGap](#) distro of Apache Cordova), HP (gamification) in WordPress (HTML5/CSS3/ES5, PHP), Marketo, MySQL
- Deliver company IT support in Git internal, macOS Server, VagrantUp w/ bash, Markdown

Digital Pulp – Front End Developer

Jun 2012 – May 2013

- Make monthly marketing sites for [OceanConservancy.org](#) ([concrete5 CMS](#)), [QuestDiagnostics.com](#), [DigitalPulp.com](#), [DuracellPowermat.com](#), [SocialFlow.com](#), [TheAdvertisingClub.org](#) (Drupal 6), [VN-SNY.org](#) (Radiant CMS), [SothebysInstitute.com](#) (PHP) in PHP, Apache, Heroku, jQuery, HTML5/CSS3/ES5, BrowserStack, MySQL (migrations, dumps). Agency culture: fast, design-centric, deliver.

Acadaca Internet Services – PHP Developer

Apr 2011 – Nov 2011

- Add eCommerce features (availability check, product page) to [AndrewMarc.com](#) (item availability), [Lifted Researched Group](#), [GirlsDressShop.com](#) (new templates), [ChromeBagStore.com](#) (find item in

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color), DiscountCoffee.com in Magento, PHP, Zend1, jQuery, JSON, HTML4, SVN with Tortoise, NetBeans, Apache, MySQL, SQLYLog, sed/awk, AWS, CSS2 (SASS/SCSS)

Scholastic Corporation - Web Developer

May 2007 - Feb 2011

- Code frontend for dozens of Scholastic.com properties for 1.5M monthly users including [teacher.scholastic.com](#), [Scholastic.com/kids/](#) (XHTML, JavaScript, jQuery, PHP, ASP Classic, JHTML, [Teamsite CMS](#), PERL/CGI, XML, Ajax, JSON, concrete5, gap analyses)

Hewitt Associates - Setup Configuration Analyst

Jun 2006 - Mar 2007

Configure database (DB2, SAS, SQL) to implement Lucent's 1200 page healthcare policies

Non-Profit Experience

Map & Move - Tech Volunteer

November 2019 - present

- Advise, enact tech infrastructure for non-profit's operations, write content, produce media, host meets

Asian American Action Fund - National Board of Directors member

April 2010 - present

- Enact national operations of the foremost, oldest Asian American national political action committee

Asian American Action Fund - Media Director

October 2008 - February 2017

- Organize blog team's efforts, recruit writers, annual internships (2/year/6y), administrate WordPress
- Cross-post social media & blogs with official partners & friends (Hyphen Magazine, Congressmen, national NGOs) using Stacker, HootSuite.
- Execute all social media (Facebook, Twitter) with GoDaddy, SALSA HQ & ActBlue, MailChimp

Theatre East - Social Media Specialist

June 2014 - May 2014

- Advise on media for Facebook, Twitter; specify related needed photograph, increase engagement

Formal Education

New Jersey Institute of Technology, Newark, NJ

B.S. Science, Technology & Society (Technology Policy). Dean's List 3x.

Raritan Valley Community College, North Branch, NJ

A.S. Computer Science. Dean's List 2x.