

professional experience

independent freelancer & consultant

oct 2019 – now

- experimented with building web scrapers, e.g. to consume twitter & other sources of real-time data
- produced next.js static-generated websites for clients
- developed solution for idempotent machine bootstrapping, i.e. one-click development environment
- laid groundwork for founding mobile app startup
- contributed code, documentation, & issues to open-source projects on github

software engineer ii

atomic data • feb – oct 2019

- facilitated all parts of sdhc & client communications
- wrote team best practices & project documentation
- served on-call on weekly rotation for critical incidents
- **teletherapy portal**: revived legacy ruby on rails app, reduced loc, fixed bugs, & implemented new features
- **frozen food brand marketing site**: crafted pages, stock locator, & contact forms in php & wordpress
- **insurance enrollment portal**: wrote stateful component & api code in c#, .net, & typescript react

javascript developer, contract

best buy, via york solutions • mar – may 2018

- wrote & executed javascript a/b tests on bestbuy.com, tracking metrics for statistically significant successes
- coordinated test planning with product teams
- **internal a/b test dashboard**: created centralized test tracker for stakeholders; integrated with multiple apis

developer

dealer teamwork • jul – sep 2017

- wrote stateful component, css, & product code
- transitioned from angularjs 1.x to 2+ conventions
- converted legacy php app into single-page application
- **ci/cd pipeline**: architected & built company's first reproducible release & disaster recovery procedures, saving engineer hours & averting data loss

technology consultant

azend • nov 2016 – jul 2017

- developed mobile stories with designer, fixed legacy coldfusion bugs, & shipped to major app stores
- **bill pay crowdfunding**: wrote angularjs component & css code for beta product & fixed java bugs
- **custom ad manager & crm**: started project analysis & development on dealer teamwork product

skills

front-end next.js • (p)react • ava • jest • prettier • eslint • material design • tailwind • a11y • i18n

back-end node • python • ruby • php • (no)sql • serverless & λ functions • ci/cd & disaster recovery

tools vscode • github • sketch • adobe express

interests augmented & virtual reality • automation • cryptography • data viz • internet of things • machine learning • typography • web standards

educational background

certificate,

full stack software engineering

prime digital academy • sep 2016

certificate,

political journalism

georgetown university, via the fund for american studies • apr 2011

liberal arts coursework

mctc • 2010 – 2013

community participation

organizer

may 2020 – now

- led fundraising that provided more than \$5,000 & material support to causes, folks in need, & local supply drives
- provided graphic design & communications support to organizations & individuals
- educated neighbors about municipal government, petitions, & ballot initiatives
- ran errands & deliveries for disabled & immunocompromised community members
- researched stories of public import that were later picked up by news media

head election judge,

absentee ballot board member,

ballot drop-off site supervisor

city of minneapolis elections & voter services • aug 2012 – now

peer mentor

prime digital academy • nov 2016 – feb 2018

editor in chief,

managing editor,

copy editor

city college news • apr 2010 – may 2013