

Ephraim Pei

Web Engineer

Personal Info

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Personal Site

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LinkedIn

linkedin.com/in/ephraimpei/

Github

github.com/ephraimpei

Medium

medium.com/@ephraimpei

Instagram

instagram.com/ephraimpei/

Skills



Professional Web Engineer. Expert JavaScripter. Functional Programmer. Passionate Mentor.

Experience

04/2017 - present	Frontend Engineer <i>VICE Media</i> <ul style="list-style-type: none">Engineer for all Web based VICE Video products and supporting librariesImprove continuous deployment workflow with Travis CI, AWS deployments, Now.js test deployment builds, Coveralls, and Fastly CDN asset cachingBump code coverage from 5% to 30% using Karma, Enzyme, Chai, Sinon, and Chrome Headless. Enable code coverage visibility with IstanbulReduced total download size by 12% with smarter dependency managementTransform monolithic script into main (cached least), modules (cached longer), and vendor (cached longest) scripts with Webpack code splittingEmphasis on Node and frontend performance. Reduce Node pre-fetch data response times by 25% and shed frontend memory consumption by 15%Migrate several codebases from JavaScript to Typescript. Stay up to date on Typescript changes to evangelize and teach new features to other developersLead engineer on high impact project to implement video analytics logging
04/2016 - 04/2017	Frontend Engineer <i>Fusion Media Group</i> <ul style="list-style-type: none">Engineer for PHP powered site and vertical themed Node web appsTransform monolithic CMS application into 'headless' CMS architectureBuild Node apps featuring universally renderable React components, Redux data flow, API response Redis caching, and Akamai CDN asset cachingCore maintainer of shareable React components NPM moduleManage third party vendor implementations with Google Tag Manager. Enforced async tag loading with cohesive event trigger chainsOwn web and video analytics logging initiatives. Implement custom logging events such as feed item depth and article scroll depthEnhance custom PHP based e-mail newsletter templating solution with vertical theming and modular newsletter section components
01/2016 - 04/2016	Software Engineer (Contract) <i>Renaissance Albums</i> <ul style="list-style-type: none">Architect and developer of Wordpress to ERP system data sync service
01/2013 - 10/2015	Senior IT Consultant <i>Ernst & Young</i> <ul style="list-style-type: none">Product manager for ERP and web enabled supply chain application deliveries
11/2009 - 12/2012	IT Systems Integration Analyst <i>Accenture</i> <ul style="list-style-type: none">Functional, test, and tech support lead for ERP enabled supply chain solutions.

Education

08/2005 - 05/2009	Lehigh University <ul style="list-style-type: none">B.S. Industrial Engineering, Cum Laude
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Additional Activities

- APEX For Youth, Mentor** - mentor under-privileged Asian youth
- ScriptEd, Advanced Javascript Teacher** - teach weekly Advanced JS class
- Sports Aficionado** - Indoor rock climber, cyclist, basketball player (huge NBA fan)