

# Ephraim Pei

Web Engineer

## Personal Info

### Address

40 N 4th St,  
Brooklyn, NY

### Phone

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### E-mail

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### WWW

http://ephraimpei.me

### LinkedIn

https://www.linkedin.com/in/ephraimpei/

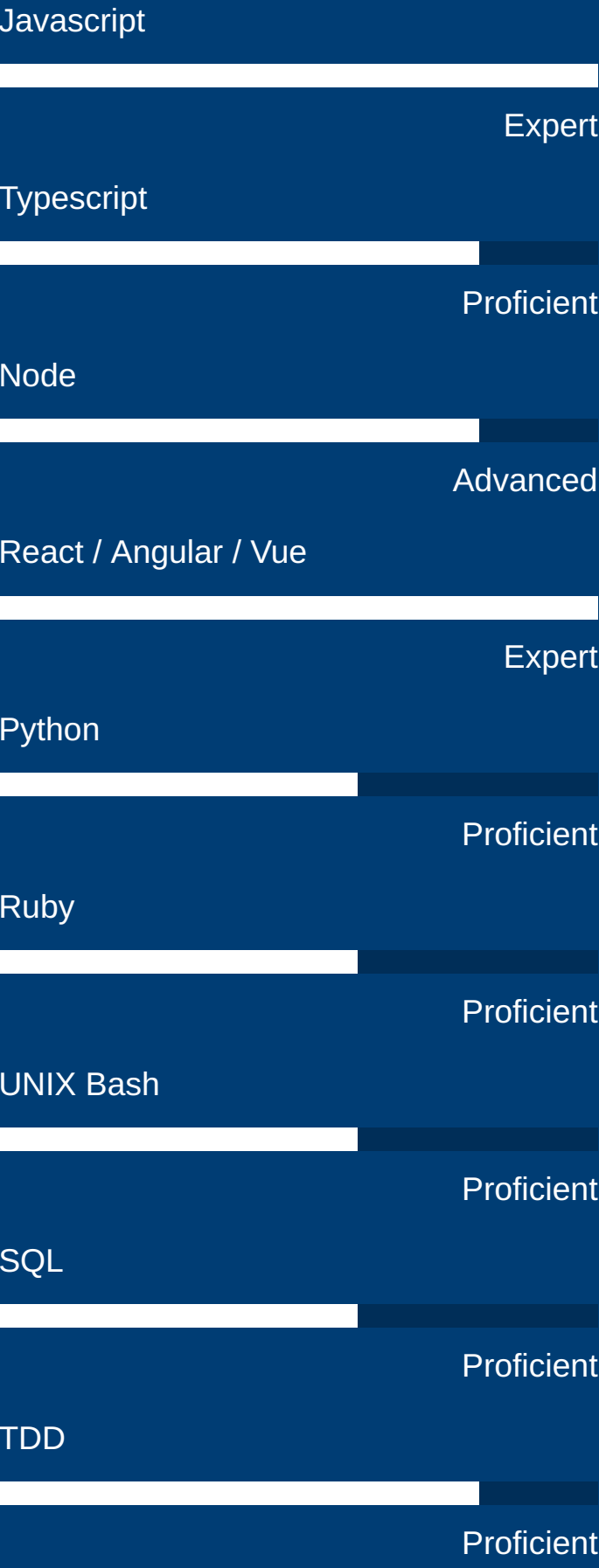
### Github

https://github.com/ephraimpei

### Instagram

https://www.instagram.com/ephraimpei/

## Skills



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

## Experience

04/2017 - present	<b>Frontend Engineer</b> <i>VICE Media</i> <ul style="list-style-type: none"><li>Engineer for all Web based VICE Video products</li><li>Improve continuous deployment workflow with Travis CI, AWS deployments, Now.js test deployment builds, Coveralls, and Fastly CDN asset caching</li><li>Bump code coverage from 5% to 30% using Karma, Enzyme, Chai, Sinon, and Chrome Headless. Enable code coverage visibility with Istanbul and Karma plugins</li><li>Transform bulky Embedded Vice Player script into highly cacheable and compact JS files with smart Webpack bundle splitting</li><li>Emphasis on Node and frontend performance. Reduce Node data response times by 50% and shed frontend memory consumption by 15%</li><li>Migrate several codebases from JavaScript to Typescript. Stay up to date on Typescript changes to evangelize and teach new features to other developers</li><li>Lead engineer on highly visible project to implement video analytics into Vice Player</li></ul>
04/2016 - 04/2017	<b>Frontend Engineer</b> <i>Fusion Media Group</i> <ul style="list-style-type: none"><li>Engineer for PHP powered site and vertical themed Node web apps</li><li>Transform monolithic CMS application into 'headless' CMS architecture by splitting frontend code into Node apps</li><li>Build Node app featuring universally renderable React components, Redux data flow, custom feed layouts, API response Redis caching, and Akamai CDN asset caching</li><li>Core maintainer of shareable React components NPM module</li><li>Manage third party analytics vendor implementations with Google Tag Manager. Enforced async tag loading with cohesive event trigger chains</li><li>Own web and video analytics initiatives. Implement custom metrics such as feed item depth and article scroll depth</li><li>Enhance custom PHP based e-mail newsletter templating engine with vertical theming and modular newsletter section components</li></ul>
01/2016 - 04/2016	<b>Software Engineer</b> <i>Renaissance Albums</i> <ul style="list-style-type: none"><li>Architect and developer for ERP and Wordpress data integration service</li></ul>
01/2013 - 09/2015	<b>Senior IT Consultant</b> <i>Ernst &amp; Young</i> <ul style="list-style-type: none"><li>IT business partner for web based supply chain product implementations</li><li>Functional owner for several rapid prototype application deliveries</li></ul>
11/2009 - 12/2012	<b>Systems Integration Analyst</b> <i>Accenture</i> <ul style="list-style-type: none"><li>Functional, test, and support lead for web based supply chain solutions.</li></ul>

## Education

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

- APEX For Youth, Mentor** - Partner with under-privileged Asian American youth to help reach personal and academic goals
- ScriptEd, Advanced Javascript Teacher** - Taught a weekly Advanced Javascript class to high performing high school youths
- Sports Aficionado** - Indoor rock climber, cyclist, basketball player (huge NBA fan)