

# Travis W Briggs

San Francisco, CA • (401) 365-9045 • [briggs.travis@gmail.com](mailto:briggs.travis@gmail.com) • p1 of 2

<b>Education:</b> 2006	Worcester Polytechnic Institute, Worcester MA Bachelor of Science, Computer Science with a Minor in Music <b>Calculated GPA 3.89, Graduated with High Honors</b>
<b>Technical Skills:</b>	Python, Scrappy, Ruby, Rails, SQL, NoSQL (MongoDB), UNIX (POSIX), Shell, Regex, PHP, HTML5/CSS3, AJAX/XHR, Javascript, ES6/2015, Typescript, jQuery, Jasmine, Java, JUnit, Nosetests, XML, XSLT, XPath, REST, JSON, Amazon AWS/EC2
<b>Code Samples</b>	<u>RGB of Life</u> – Conway’s Game of Life in 24bit RGB: < <a href="https://github.com/audiodude/rgb_of_life">https://github.com/audiodude/rgb_of_life</a> > < <a href="https://rgb.0-z-0.com">https://rgb.0-z-0.com</a> > <u>Video Poker</u> – A basic Jacks or Better game written in Angular/Typescript < <a href="https://github.com/audiodude/video-poker">https://github.com/audiodude/video-poker</a> > < <a href="https://poker.0-z-0.com">https://poker.0-z-0.com</a> >
<b>Work Experience</b> Dec 2012 - Present	<u>UX Engineer</u> , Google Inc (YouTube), San Bruno CA <ul style="list-style-type: none"><li>• Lead developer and tech lead for 4 different frontend projects for YouTube/Google</li><li>• Worked closely with designers to implement pixel-perfect web sites using Google Closure Javascript library and later Typescript, as well as HTML5/CSS3/SCSS.</li><li>• Deployed multiple apps on Google App Engine, managing entire development and deployment lifecycle</li><li>• Developed a video creation pairing tool from scratch using AngularJS and App Engine, as well as created its pixel perfect frontend using Angular Material and HTML/CSS</li><li>• Worked with a small team to build the YouTube Kids smart TV app from the ground up, with compatibility across dozens of device families in a limited memory/performance context</li></ul>
Nov 2011 – Nov 2012	<u>Software Engineer</u> , The Echo Nest Inc, Somerville MA <ul style="list-style-type: none"><li>• Implemented several web crawlers using the Scrappy Python framework, including backend infrastructure for queue based management</li><li>• Architected major schema migration covering tables with 500M and 2.2B rows</li></ul>

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Apr 2011 – Nov 2011	<u>Software Engineer</u> , FashionPlaytes Inc, Beverly MA <ul style="list-style-type: none"><li>• Maintained and extended a custom Rails e-commerce site</li><li>• Helped manage a remote team in Pakistan</li><li>• Worked with HTML 5 SVG graphics and Rails 3 on a system for rendering custom clothing designs</li></ul>
Oct 2010 – Mar 2011	<u>Software Engineer</u> , LocaModa Inc, Cambridge MA <ul style="list-style-type: none"><li>• Performed a major overhaul of the main administrative interface, re-organizing the backend and streamlining prominent UX flows, with heavy use of custom Javascript and AJAX</li><li>• Lead architect for a Facebook experience for Nickelodeon that involved capturing pictures and integrating with their 44 1/2 foot Times Square screen</li></ul>
Sep 2009 – Sep 2010	<u>Software Engineer</u> , Qwobl Inc, Cambridge MA <ul style="list-style-type: none"><li>• Created a dynamic ticket sales site, extensively utilizing the Prototype.js library to provide live filtering and manipulation of page elements</li><li>• Implemented Facebook and Twitter user authentication using OAuth.</li><li>• Handled the aggregation and parsing of thousands of RSS feeds, including dealing gracefully with degenerate/malformed feeds.</li></ul>
<b>Work before 2009</b>	<u>Software Engineer</u> , MedAptus Inc, Boston MA
	<u>Independent Contractor</u> , Brightcove Inc, Cambridge MA
	<u>Software Engineer</u> , XIF Inc, Washington DC
	<u>Software Engineer</u> , Brightcove Inc, Cambridge MA
<b>Other Experience</b>	<ul style="list-style-type: none"><li>• Designed and implemented software using Neural Networks.</li><li>• Recorded and edited hundreds of musical compositions in DAW software such as Pro Tools, Reason, and Ableton Live. Single on Spotify, iTunes and Google Play available at &lt;<a href="https://dangerthirdrail.com">https://dangerthirdrail.com</a>&gt;</li><li>• Produced various 2D and 3D art “sketches”, available at &lt;<a href="https://gallery.travisbriggs.com">https://gallery.travisbriggs.com</a>&gt;</li></ul>
<b>College Honors:</b>	<u>Tau Beta Pi</u> : National Engineering Honor Society <u>Upsilon Pi Epsilon</u> : National Computer Science Honor Society <u>WPI Charles O. Thompson Scholar</u> : Outstanding Academic Performance <u>Steven J. Kahn Award</u> : Outstanding Glee Club Senior