

# Christian Martin

[hello@ctmartin.me](mailto:hello@ctmartin.me)  
[ctmartin.me](http://ctmartin.me) (Portfolio)  
[github.com/ct-martin](https://github.com/ct-martin)

IRC/Matrix: ctmartin  
[linkedin.com/in/ct-martin](https://linkedin.com/in/ct-martin)  
Handshake

SUMMARY	Full Stack Developer, Creative Technologist, Computing Generalist	
EDUCATION	Rochester Institute of Technology Bachelors of Science <b>New Media Interactive Development</b>	Rochester, NY Expected May 2020
SKILLS	<p><i>Languages:</i> C#, Java, <b>JavaScript</b> (inc. <b>ES6</b>, <b>Node.js</b>, <b>React.js</b>, <b>Vue.js</b>), <b>PHP</b>, <b>Processing</b>, Python</p> <p><i>Technologies:</i> <b>Apache</b>, Continuous Integration (CI), <b>Git</b>, HAProxy, MariaDB (<b>MySQL</b>), MongoDB, <b>Nginx</b>, Redis, Software-Defined Networking</p> <p><i>Platforms:</i> <b>Docker</b>, Heroku, <b>Linux</b> (Debian, CentOS, Fedora, Ubuntu), <b>Virtualization</b> (KVM, ESXi)</p> <p><i>Design:</i> Adobe Illustrator, Photoshop, XD; Microsoft Office, Unity, Unreal Engine, WordPress</p> <p><i>Web:</i> CSS, HTML, MVC, Responsive &amp; Mobile-First Design</p>	
EXPERIENCE	<p><i>Full-Stack Engineer   Dr. Owen Gottlieb, Rochester Institute of Technology   NY   Fall 2018-Now</i> Research study on <b>interactive media</b> and healing. Work included rewriting the <b>front-end</b>, <b>security engineering</b> (inc. <b>CSP</b>, <b>HSTS</b>, secure cookies), <b>CI/CD/DevOps</b>, caching, &amp; development tooling. <b>JavaScript</b>, <b>React.js</b>, <b>Node.js</b>, <b>Webpack</b>, <b>Babel</b>, <b>GitLab CI</b>, <b>Heroku</b>, <b>Cloudflare</b>, <b>MongoDB</b>, <b>Redis</b>.</p> <p><i>Web Developer, Molly Framework   MAGIC Spells Studios LLC   Rochester, NY   Summer 2018</i> NIH public-facing research grant documenting a medical case study. Led security engineering initiative to audit &amp; re-architect the Molly Framework's code with a security focus. Researched, designed, recommended, &amp; implemented solutions using modern security practices for web application vulnerabilities, including SQL injections, form validation, &amp; arbitrary code execution. Optimized code, did server-side <b>cross-platform testing</b>, and <b>upgraded across multiple major versions</b> of PHP while maintaining <b>backward compatibility</b>. <b>PHP</b>, <b>MySQL</b>, <b>Apache</b>, <b>Nginx</b>, <b>IIS</b>.</p> <p><i>Web Programmer   Freelance   Fairfield, CT   Summer 2017</i> Created a website with Joomla! for non-technical users to use and manage (&amp; documentation)</p> <p><i>Programmer (Intern)   Soundview IT Solutions, LLC   Stamford, CT   2016-2017</i> Created internal tools in <b>MySQL</b>, <b>PHP</b>, <b>PowerShell</b>, and <b>Python</b>; computer deployment.</p>	
PROJECTS	<p>Short-Link – A URL shortener. <b>JavaScript</b>, <b>Node.js</b>, <b>React.js</b>, <b>MongoDB</b>, <b>Redis</b></p> <p>Battleship – a <b>study in UX</b> for <b>non-traditional media</b> with an accompanying <b>experience</b></p> <p>Home Lab – <b>hypervisor</b> w/ servers for personal infrastructure &amp; testing</p>	
COURSES	IGME 480 – Current Topics in Interactive Development: <b>VR/AR/XR</b> , <b>Unity</b> , <b>Vuforia</b>	
ACTIVITIES	<p><i>Project Coordinator, TigerOS Project Lead, Past Presenter   RIT Linux Users Group   Aug 2017-Now</i></p> <ul style="list-style-type: none"><li>• Project Lead for TigerOS, RITlug's custom operating system project</li><li>• Presented "Intro to The Cloud &amp; Cloud Security" and "Overview of Distributed Computing"</li></ul> <p><i>Member   FOSS@MAGIC   Aug 2017-Now</i></p> <p>Promoting Free &amp; Open Source Software for BrickHack 4 and Maker Faire Rochester</p> <p><i>Club Captain   Mozilla Open Source Student Network   Mar 2018-Now</i></p> <p>National collaboration to build student involvement in open source.</p>	