

Christian Martin

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EDUCATION	Rochester Institute of Technology Bachelors of Science New Media Interactive Development	Rochester, NY Expected May 2020
SKILLS	<p><i>Languages:</i> C#, Java, JavaScript (inc. ES6, Node.js, React.js, Vue.js), PHP, Processing, Python</p> <p><i>Technologies:</i> Apache, Continuous Integration (CI), Git, HAProxy, MariaDB (MySQL), MongoDB, Nginx, Redis, Software-Defined Networking</p> <p><i>Platforms:</i> Docker, Heroku, Linux (Debian, CentOS, Fedora, Ubuntu), Virtualization (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 & 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 interactive media and healing. Work included rewriting the front-end, security engineering (inc. CSP, HSTS, secure cookies), CI/CD/DevOps, caching, & development tooling. JavaScript, React.js, Node.js, Webpack, Babel, GitLab CI, Heroku, Cloudflare, MongoDB, Redis.</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 & re-architect the Molly Framework's code with a security focus. Researched, designed, recommended, & implemented solutions using modern security practices for web application vulnerabilities, including SQL injections, form validation, & arbitrary code execution. Optimized code, did server-side cross-platform testing, and upgraded across multiple major versions of PHP while maintaining backward compatibility. PHP, MySQL, Apache, Nginx, IIS.</p> <p><i>Web Programmer Freelance Fairfield, CT Summer 2017</i> Created a website with Joomla! for non-technical users to use and manage (& documentation)</p> <p><i>Programmer (Intern) Soundview IT Solutions, LLC Stamford, CT 2016-2017</i> Created internal tools in MySQL, PHP, PowerShell, and Python; computer deployment.</p>	
PROJECTS	<p>Short-Link – A URL shortener. JavaScript, Node.js, React.js, MongoDB, Redis</p> <p>Battleship – a study in UX for non-traditional media with an accompanying experience</p> <p>Home Lab – hypervisor w/ servers for personal infrastructure & testing</p>	
COURSES	<p>IGME 480 – Current Topic in Interactive Development: VR/AR/XR, Unity, Vuforia</p> <p>IGME 430 – Rich Media Web Development II: JavaScript, Node.js, React, MongoDB, Redis</p>	
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">• Project Lead for TigerOS, RITlug's custom operating system project• Presented “Intro to The Cloud & Cloud Security” and “Overview of Distributed Computing” <p><i>Member FOSS@MAGIC Aug 2017-Now</i></p> <p>Promoting Free & 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>	