Christian Martin

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ctmartin.me (Portfolio)
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Handshake

SUMMARY

Co-op Summer 2019: Front-End Developer, Full Stack Engineer, Creative Technologist

EDUCATION

Rochester Institute of Technology — GPA 3.82, Dean's List
Bachelors of Science New Media Interactive Development — Expected May 2020

SKILLS

Languages: C#, Java, JavaScript (inc. ES6, Node.js, React.js, Vue.js), PHP, Processing, Python

Technologies: Apache, Continuous Integration (CI), Git, HAProxy, MariaDB (MySQL), MongoDB, Nginx, Redis, Software-Defined Networking (inc. DHCP, DNS)

Platforms: Docker, Heroku, Linux (Debian, CentOS, Fedora, Ubuntu), Virtualization (KVM, ESXi)

Design: Adobe Illustrator, Photoshop, XD; Microsoft Office, Unity, Unreal Engine, WordPress

Web: CSS, HTML, MVC, Responsive & Mobile-First Design

Other: Automation, System Administration, System Engineering

EXPERIENCE

Full-Stack Engineer | Dr. Owen Gottlieb, Rochester Institute of Technology | NY | Fall 2018-Now
Front-end, security engineering (inc. CSP, HSTS, secure cookies), CI/CD/DevOps, caching, & development tooling for a research study on interactive media and healing. Dev tech articles. JavaScript, React.js, Node.js, Webpack, Babel, GitLab CI, Heroku, Cloudflare, MongoDB, Redis.

Web Developer, Molly Framework | MAGIC Spells Studios LLC | Rochester, NY | Summer 2018
Led security engineering initiative to audit & re-architect; Designed & implemented solutions using modern security practices for web application vulnerabilities for NIH public-facing research. Optimizing code, server-side cross-platform testing, and upgrading across multiple major versions of PHP while maintaining backward compatibility. PHP, MySQL, Apache, Nginx, IIS.

Web Programmer | Freelance | Fairfield, CT | Summer 2017
Created a CMS website with documentation, for non-technical users to use and manage; Joomla!

Programmer (Intern) | Soundview IT Solutions, LLC | Stamford, CT | 2016-2017
Created automation & monitoring tools in MySQL, PHP, PowerShell, and Python; deployment

PROJECTS

Short-Link – URL shortener with usage analytics. JavaScript, Node.js, React.js, MongoDB, Redis
Battleship – UX study for non-traditional, multi-screen, touch media with a demo experience
Home Lab – SMB-grade infra for testing systems & integration of enterprise technologies, doc'd

COURSES

Currently developing projects in UX for VR/AR/XR using A-Frame, Unity, Vuforia

ACTIVITIES

Articles documenting work done in servers/infra, technologies, & UX on blog

Project Coordinator, TigerOS Project Lead, Past Presenter | RIT Linux Users Group | Aug 2017-Now
- **Presented** "Intro to The Cloud & Cloud Security" and "Overview of Distributed Computing"
- Project Lead for TigerOS, RITlug's custom Linux distro, & RITlug's website development

Member | FOSS@MAGIC | Aug 2017-Now
- Promoting Free & Open Source Software at BrickHack 4, ImagineRIT, Maker Faire Rochester
- Advocating integration & use of open source media technology

Club Captain | Mozilla Open Source Student Network | Mar 2018-Now
National collaboration to build student involvement in open source.