
EMPLOYMENT

Software/Web Developer	CCMA	Fall 2018 – Present
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- Rewrote company intranet in Python/Node.js, implemented new features, improved load times and UI.
- Fixed faulty business logic on existing PHP intranet and added enhancements.
- Created and fixed RPG/CL programs for internal reports/database operations.

Web Developer	Runsmart Online, Inc.	Spring 2020 – Present
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- Wrote and maintained mobile-friendly pages/tools in PHP for users to follow a personalized training plan.
- Implemented features such as weather adjustments for runs using external API's.

Mobile App Developer	Kaiser Engineering	Fall 2018 – Spring 2020
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- Wrote native iOS/Android app using Javascript to interface with physical automobile hardware.
- Created a user-friendly UI to easily configure hardware on the go.

Network Technician/Developer	Yahoo!	Fall 2017 – Fall 2018
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- Configured network settings such as IP configuration and DNS for servers/switches.
- Physically laid wiring for newly installed servers, including copper and fiber optic cable.
- Wrote various terminal scripts to assist in networking operations and optimize repetitive processes.
- Implemented auditing scripts/user interfaces to simplify inventory management for employees.

Web Developer	Canisius College	Spring 2017
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- Redesigned website for The Wire Radio Station at Canisius College.
- Created user-friendly, mobile-friendly website to provide fast streaming on all devices.

EDUCATION

Buffalo, NY	University at Buffalo	Fall 2013 – Spring 2017
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- Bachelor of Computer Science with Cum Laude Honors, May 2017. Cumulative GPA: 3.33
- Undergraduate Coursework: Operating Systems; Networks; Algorithms; Programming Languages; Web Development; Embedded Systems; Comp. Organization; Discrete Structures; Calculus III; Probability.

TECHNICAL EXPERIENCE

Projects

- **Algorithmic Trading Module** (2019). Node.js module/CLI tool to programmatically implement trading strategies of options and equities using the Robinhood Brokerage web API. Coffeescript, Node.js
- **Server Auditing System** (2018). Tool used by employees to quickly verify that all drives were wiped in servers to prevent data leaks during shipment and to confirm serial numbers to ensure inventory data consistency. Python, Javascript, JQuery, React, SCSS, Bootstrap, GraphQL
- **LED Strip Control** (2018). Client scripts used to control/customize LED hardware components. Utilized Amazon web services to interface with Alexa. Included UI served on localhost. Python, JSON, Vue.js, SCSS

ADDITIONAL EXPERIENCE AND AWARDS

- **Valedictorian (2013)**: Graduated as Valedictorian from Royalton-Hartland High School.
- **Second Prize, UB Senior OS Project**: Awarded 2nd prize for OS Assignment 1, out of 168 projects.

Languages and Technologies

- Javascript; Node.js; Python; React; Vue; Preact; React Native; Nativescript; Ionic; Nuxt; Django; Flask; JQuery; PHP; Ruby on Rails; VB.NET; Perl; Java; Go; C; C++; C#; SQL; MongoDB; NoSQL; GraphQL; REST API's; Bootstrap; Material; Bulma; CSS; SCSS; HTML5
- Git; FTP; Linux; Visual Studio; Eclipse; Unity; Windows; Mac OS; VMware Workstation; Microsoft Office