CHRISTOPHER DUERKES

Front End Web Developer

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SUMMARY

I am a front-end web developer with experience using modern web technologies to create functional, beautiful and engaging experiences and services with maintainable and reusable code.

EXPERIENCE

MILLENNIUM SYSTEMS INTERNATIONAL (PARSIPPANY, NJ)

Applications Developer| May 2019 – Present

Front-end developer with the Creative team: building responsive web pages from wireframes and/or direction from product owners & designer and working with other developers to create and update Angular code (directives, services, factories, controllers, etc.) using modern web technologies (Javascript, LESS, Angular JS/2+, Angular Material, RxJS) and best practices (BEM notation, DRY).

Highlights:
Built the front-end (product table, detail pane, error logging, modals) of a product line mapper using Angular 5, TypeScript and Angular Flex-Layout.

Created a data service using RxJS Observables to handle product retrieval, selection, filtering, and "modes" (i.e., upload, error, product display, confirmation views), to retain state between views and to communicate between components.

THORLABS (NEWTON, NJ)

Junior Web Developer| Jan 2018 – May 2019

Developed and maintained an e-commerce website and other web-based tools (UI and database admin) using JavaScript/jQuery, HTML, CSS, ColdFusion, and SQL (T-SQL). E.g, web markup, DOM manipulation, AJAX, and form validation. Learning TypeScript and Angular 2 for site-wide redesign.

FIREHOSE

Bootcamp Capstone Project | Sept 2017 – Oct 2017

Contributed to the development of an online chess application using test-driven development and agile methodology.

♔ Created movement and obstruction logic for chess pieces, and a method for determining whether a king is in check. See the code on GitHub.

♖ Used jQuery to dynamically create buttons for pawn promotion and update piece locations through a RESTful JSON API. See the code on GitHub.

SKILLS

Languages JavaScript, HTML, CSS

Libraries/Frameworks AngularJS, Angular 2+, Angular Material, RxJS

Version Control Git/GitHub

CSS Preprocessor LESS/SASS

CSS Naming Convention BEM

EDUCATION

Full-Stack Web Development | Firehose Project

MSc., Soil and Water Science | University of Florida

BSc., Environmental Biology | Columbia University