

# 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 UI team at Millennium Systems International, a management software company serving the spa and beauty industry.

#### **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", 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