Thomas Hansen

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PROJECTS

[Stromble](#) – *(React, Redux, JavaScript, Rails, Ruby)*

Full-stack single page application inspired by Strava

- Leveraged Google Maps API to customize route building, enhancing user experience
- Optimized efficiency and scalability by implementing modular dropdown and modal components, loosely coupled with parent component

[Quack-Man](#) – *(JavaScript, Canvas, HTML)*

JavaScript & HTML browser game inspired by Pac-Man

- Rendered complex maze using custom draw function to dynamically populate Canvas
- Customized collision algorithm by calculating relative vectors using objects on the board

[DOMbo Combo](#) – *(JavaScript)*

JavaScript DOM Manipulation Library

- Developed framework for finding, creating, or altering HTML elements
- Leveraged XHR to manage and simplify AJAX requests

EXPERIENCE

Golden Chemdry, Long Island, New York — *Master Technician*

APRIL 2016 - OCTOBER 2017

- Established a refined carpet cleaning workflow and skill set, ensuring 99% customer satisfaction leading to an over 90% repeat customer rate
- Boosted sales through negotiating and offering discounts, resulting in a 20% revenue increase with my addition to the team

EDUCATION

App Academy

NOV 2017 – FEB 2018
1000 hour full stack web development program, trained in Rails, SQL, JS, React, TDD, Algorithms, Design Patterns, and programming best practices

State University of New York at Old Westbury

AUG 2012 – DEC 2016
Computer Science – 3.5 GPA
Curriculum Highlights

- Data Structures & Algorithms
- Software Engineering
- System Design & Implementation

SKILLS

- Ruby
- Rails
- React
- Flux (Redux)
- JavaScript
- HTML5
- CSS3
- jQuery
- Git
- SQL
- RSpec