

ELLIOT M. MILCO

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PROJECTS

Howl (*React, Redux, Rails, PostgreSQL, AWS S3*)

FULL-STACK SINGLE-PAGE APPLICATION, INSPIRED BY MEDIUM.

—Includes a pure WYSIWYG article editor, built using HTML contenteditable and modular content modeling to allow for the dynamic creation and deletion of HTML elements.

—Utilization of React/Redux state management in tandem with Rails nested form handling to divide article update workload between client and server.

—Support for embedded media using AWS S3 integration and YouTube URL parsing.

PathFinder (*Javascript, HTML, CSS, Canvas*)

Interactive showcase of maze-generation and path-finding algorithms, including A*, Prim's, Dijkstra's, BFS, and DFS.

Ruborm (*Ruby, SQL*)

A lightweight ORM built in Ruby, with support for customized, multi-layer model associations.

EXPERIENCE

FIRST THINGS MAGAZINE, NEW YORK, NY

Deputy Editor, April 2016 – Jan 2018

Editorial Assistant, Jan 2016 – April 2016

—Built an app in Express to generate custom traffic reports using the Google Analytics API

—Contributed front-end web design for e-blasts, static pages, and special projects

—Constructed book design templates using LaTeX and Pandoc

—Designed dozens of print and digital advertisements using Adobe Illustrator

LOYOLA ACADEMY, WILMETTE, IL

High School Teacher August 2013 – August 2015

—Taught a variety of philosophy and theology courses.

—Served as department course-leader for senior and sophomore courses.

SKILLS

JAVASCRIPT

RUBY

REACT

REDUX

RAILS

OOP

REST

HTML5

CSS3

SQL

BASH

RSPEC

NPM

JQUERY

GIT

LATEX

ADOBE CC

EDUCATION

YALE UNIVERSITY, NEW HAVEN, CT

Bachelor of Arts in Humanities

Phi Beta Kappa, May 2011

COURSEWORK INCLUDES: Mathematical Logic, First Order Logic, Vector Calculus

APP ACADEMY, NEW YORK, NY

Full-stack Software Development

Jan 2018 – April 2018

Intensive 1000-hour training program covering Javascript, Ruby on Rails, React, Redux, SQL, jQuery, CSS, TDD, OOP, REST, security, and CS fundamentals.

DOMINICAN HOUSE OF STUDIES,
WASHINGTON, DC

Master of Arts in Theology

Magna cum laude, May 2013

Thesis: The Basis of Intelligible Order in Michel Foucault and Thomas Aquinas