Adam Richard
WEB DEVELOPER

104 Manhattan Ave. Brooklyn, NY ◇ [GitHub](#) ◇ [Portfolio](#) ◇ [LinkedIn](#) ◇ (419) 346-7740

CSS ◇ Git ◇ HTML ◇ JavaScript ◇ jQuery ◇ Rails ◇ React ◇ Redux ◇ Ruby ◇ SQL

PROJECTS

[Slack Jr.](#) | JavaScript, Pusher, React, Redux + PostgreSQL, Rails

Single-page Slack clone featuring live chat, channel search/creation, and direct messages (DMs)

- Utilized Pusher API to enable live chat, updating status of channels, users and messages in real-time with no unnecessary database queries
- Implemented channel search/creation through React Modal windows, which enforce channel naming constraints and limit the number of DM participants through front-end validations
- Prevented the currently-logged in user from viewing any channels in which he/she is not directly participating by prohibiting the back end from fetching channels that do not include the current user's username

[Swervo](#) | Easel.js, CSS, HTML, JavaScript

Browser-based single-player 3D game inspired by Pong and CurveBall

- Coded curve mechanics and 3D rendering without the support of external libraries
- Implemented level system which increases difficulty as player progresses
- Programmed AI opponent to track ball position with varying speeds based on level

[aDOM](#) | JavaScript

Lightweight DOM manipulation library based on jQuery

- Utilized the native DOM API to implement AJAX calls, DOM manipulation/traversal, and on/off event listeners

EXPERIENCE

Norfolk Naval Shipyard | Portsmouth, VA - *Nuclear Shift Test Engineer (STE)*

February 2011 - November 2016

- Supervised, trained, and provided formal decision-making guidance for newly-qualified STEs and Assistant STEs
- Responsible for the progress and safety of the test program during assigned shift
- Conducted testing and data analysis to ensure satisfactory completion of repairs
- Coordinated with senior shipyard and naval personnel to develop and brief daily plans for plant operations and testing

EDUCATION

App Academy | New York, NY

March 2017 | 1000-hour full-stack web development bootcamp with <3% acceptance rate

The University of Michigan | Ann Arbor, MI - *B.S. in Electrical Engineering*

April 2009 | Digital signal processing focus with coursework data structures, MATLAB, and C++