

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.](#) | [Source](#) | JavaScript, Pusher, React, Redux, PostgreSQL, Rails

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

- Implemented live chat and direct messaging in user-created channels via the Pusher API
- Executed 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 direct message rooms in which he/she is not directly participating by prohibiting the back end from fetching DM channels that do not include the current user's name

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

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

- Hand-rolled curve mechanics and 3D rendering logic
- Implemented level system which increases difficulty as player progresses
- Programmed AI opponent to track ball position with varying speeds based on level

[aDOM](#) | [Source](#) | JavaScript

DOM manipulation library based on jQuery

- Built lightweight yet powerful DOM manipulation functionality and used it to implement a live version of Snake

EXPERIENCE

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

February 2011 - November 2016

- Guided plant operations to maintain safety of personnel, prohibit damage to equipment, and minimize unnecessary radiological exposure
- Supervised, trained, and provided formal decision-making guidance for newly-qualified STEs and Assistant STEs
- Conducted testing and data analysis to ensure satisfactory completion of repairs
- Planned, briefed, and led complex plant evolutions and tests requiring coordination between a wide array of shipyard and ship's force organizations

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 in data structures, MATLAB, and C++