Aaron Hardowar
Software Engineer

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Projects

Harmony | JavaScript, Ruby, React, Redux, Rails, PostgreSQL - [Live](#) | [Repo](#)
Single page live messaging application inspired by Discord

- Implemented Servers and Channels systems with React, using Redux to create a single source of state resulting in code that is organized and easy to build upon.
- Integrated real-time live chat through use of Action Cable WebSockets in order to establish an always-open Publish-Subscribe connection, where new messages are listened for and automatically distributed to correct channels.
- Created channel subscription system where each one listens independently for messages which, in combination with restrictions imposed through authentication, results in restricted access to messages for users not in a specific channel thus increasing user privacy.

DownFall | JavaScript, HTML5 Canvas - [Live](#) | [Repo](#)
Point-based browser game based on user making their way downwards while avoiding red platforms

- Utilized pure JavaScript for the game's logic in conjunction with HTML5 Canvas in order to render and create animations.
- Integrated smooth wrap-around and scrolling to allow for comfortable play.

ManipulaDOM | JavaScript - [Repo](#)
Lightweight DOM manipulation library inspired by JQuery

- Utilized Javascript in order to implement fetch capability along with easy DOM manipulation.

Skills

JavaScript | Ruby | Java | Rails | React | Redux | jQuery | SQL | HTML | CSS | Git

Education

App Academy, New York, NY

May 2018 - August 2018

- Intensive 1000+ hour software development curriculum with focus on pair-programming and less than a 3% acceptance rate.

Hunter College, New York, NY - Computer Science Major

September 2017 - Present

- Currently working toward my Computer Science B.A w/ minors in Mathematics and Physics
- Software-Related Curriculum Highlights:
  - Software Analysis & Design I (C++), Computer Architecture I, Discrete Mathematics

Experience

CVS Health/Pharmacy, New York, NY - Clerk

May 2017 - August 2017

- Worked with a team to ensure a good customer experience.