

# Aaron Hardowar

## Software Engineer

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### Projects

**Harmony** | JavaScript, Ruby, React, Redux, Rails, PostgreSQL, HTML, CSS - [Live](#) | [Repo](#)

*Single page full-stack live messaging application inspired by Discord*

- Implemented Server and Channel systems with React and used Redux to create a single source of state allowing for code that is organized and easy to build upon.
- Integrated real-time live chat using Rails Action Cable WebSockets to establish an always-open Publish-Subscribe connection, where new messages are listened for and distributed to correct channels.

**DownFall** | JavaScript, HTML5 Canvas, CSS - [Live](#) | [Repo](#)

*Addictive point-based browser game based on user controlling a falling star and avoiding red platforms*

- Utilized pure JavaScript for the game's logic and HTML5 Canvas for creating and rendering animations.
- Integrated smooth wrap-around and scrolling to allow for comfortable play.

**ManipulaDOM** | JavaScript - [Repo](#)

*Lightweight DOM manipulation library inspired by jQuery*

- Utilized Javascript to build fetch capability along with easy DOM manipulation.

### Skills

JavaScript | React | Redux | Ruby | Rails | jQuery | SQL | Java | C++ | HTML5 | Canvas | CSS3 | Git | Linux | Webpack

### Experience

**Linchpin Inc, New York, NY - Software Developer Intern**

August 2018 - November 2018

- Worked on insurance-based project utilizing JavaScript, React and Redux to build out front-end.
- Restructured codebase components to keep clean and DRY code for future enhancements.
- Coordinated development with a team to organize, design, and implement full-stack project features.

**BioBus, New York, NY - Web Developer**

July 2018 - August 2018, Freelance

- Front End Web Development work for Do-It-Yourself Microscope Project utilizing HTML, CSS, and JavaScript.
- Assisted in completion of site for presentation at the Microscopy and Microanalysis conference in San Diego.

**CVS Health/Pharmacy, New York, NY - Clerk**

May 2016 - August 2016

- Ensured quality experience with a team while interacting with dozens of customers per day in the heart of NYC.

### Education

**Hunter College, New York, NY - Computer Science Major**

September 2017 - May 2020, Part-Time (Night and Weekend Classes)

- Currently working toward Computer Science B.A with Minors in Mathematics and Physics.

**App Academy, New York, NY**

May 2018 - August 2018

- Intensive 1000+ hour software development curriculum with less than a 3% acceptance rate.