

# VICTOR CRISPIN

(646) 374-6962

[victorrcrispinjr@gmail.com](mailto:victorrcrispinjr@gmail.com) New York, NY

[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

## SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Three.js, C, C++, Java, Python, PHP, Passport.js, AWS, S3, Shopify / Liquid, Linux, Windows WSL

## EXPERIENCE

**Software Engineer Apprentice** - *App Academy*

Sept 2020 - Present

- Conducted technical screens of coding bootcamp applicants and assessed algorithmic aptitude in various languages, including JavaScript, Ruby, and Python

**Coding Instructor** - *Code Nation*

Sept 2020 - Present

- Teached HTML, CSS and JavaScript to high school students in an underserved NYC-based high school
- Worked closely with students to develop fundamental coding skills and empower them to pursue careers in technology

**Ecommerce/Marketing Consultant** - *The Reine Group (Founder)*

July 2016 - May 2020

- Hired and managed a skilled team of 3 and delegated assignments to boost the firm's efficiency and output
- Optimized Shopify Ruby Liquid themes that increased page load speeds reducing visitor bounce rate by 15%
- Increased clients revenue by up to 13% implementing email marketing campaigns that promoted repeat purchase rates, and reduced remarketing costs on alternative platforms like Google Adwords and Facebook paid Ads
- Implemented SEO tactics that optimized product pages increasing organic traffic by major search engines leading to an increase in organic sales

## EDUCATION

**Web Development** - [App Academy](#)

Summer 2020

*16 week Full-time software development program with a focus on full-stack web development, entailed 1000+ hours of coding*

**Computer Science** - Brooklyn College CUNY

2015 - 2017

## PROJECTS

**3D Cellular Automaton Visualizer** (JavaScript, HTML5, CSS3, Three.js, Webpack, Lodash)

[live](#) | [github](#)

*A cellular automaton visualizer tool based on Conway's Game of Life*

- Created custom algorithm to give life to a matrix of over 500,000 instances of 3D cells without major performance drops
- Devised complete time mechanism to calculate when each cell should update based on its neighbors on each cycle increasing rendering speed by 20 frame per second
- Designed easy to use automaton editor allowing users to edit the attributes that affected the cell's algorithm

**Upcycled** (React, Redux, MongoDB, Mongoose, Node.js, Express.js, Passport.js, Git)

[live](#) | [github](#)

*Lead Frontend developer for a MERN stack community focused application based on reducing user's carbon footprint*

- Designed and implemented the UI/UX for the single page app creating an easy to use system for users to view, create, post and navigate around the site more efficiently without distractions
- Introduced Redux's state management to normalize state and store data reducing back-end API call's by 50%
- Succeeded in creating a dynamic leaderboard that tracks users live based on community activity and accomplishments
- Used advanced CSS3 techniques to create a custom parallax feature for the splash page, intuitively showcasing user projects before/after images to complement the background

**Medio** (Ruby / Ruby on Rails, JavaScript, React, Redux, PostgreSQL, AWS, Heroku)

[live](#) | [github](#)

*A full-stack web application based on the prominent publishing platform Medium*

- Leveraged the medium-editor library with React's powerful UI creation functionality to seamlessly allow users to create, edit and publish stories
- Extended the rich-text-editing user experience by implementing debouncing to ensure user progress is auto saved
- Advanced user security by utilizing BCrypt hashing methodologies, the React-Router, and cookies to authenticate thoroughly from back-end to front-end persisting user login across multiple browser sessions