

Michael R Wellman

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Technical Skills

Languages: Ruby, JavaScript, HTML, CSS

Software/ Tools: React, Redux, Rails, Postgres, SQL, Enzyme, Jest, Jasmine, RSpec, Capybara, Sinatra, Foundation, Git, Github, Prawn-PDF, React-Table

Projects

(Launch Academy) RunLights: runlights.herokuapp.com | github.com/mwellman17/runlights

- A lighting programmer's load in tool. Render useful tables with important information of lighting fixtures and calculations.
- Rails backend, Fixture Library seeded via the Open Fixture Library. React frontend, with react-table embedded for visible, editable layouts. Mobile focused design for speed on handheld devices. PDF export feature for shareable fixture details.

(Launch Academy) GreenSpaces: greenspaces.herokuapp.com | github.com/CaseyCHannan/greenspaces

- In a group setting, built a review site where users can search through green spaces in Boston to learn more about them, leave reviews, and vote on the usefulness of other reviews.
- Rails backend, database seeded using an API from the City of Boston. React frontend, with the Google Maps JS API displaying a map dynamically zoomed to match the acreage of the green space. Model and feature testing included.

Related Experience

Launch Academy – Apprentice Full Stack Developer Boston, MA Dec. 2018 – May 2019

- Completed immersive programming bootcamp developing skills in full stack web development, React, Rails, and Postgres, object-oriented programming, and test driven development.
- Learned to develop a diverse set of skills efficiently through pair programming, collaborative development, and an aptitude for searching and discovery.

Technical Experience

FOX Sports / NFL Network / CNN – Moving Light Programmer International Feb. 2016 – Present

- Programmed intelligent lighting systems for remote broadcast studios using a Grand MA 2 lighting console.
- Responsible for seamless execution and playback of studio lighting during live broadcasts to millions of viewers, including the FIFA Women's World Cup France, FIFA World Cup Russia, Super Bowl LIII, and US Presidential Debate coverage.

Boston Lyric Opera – First Assistant Electrician and Programmer Boston, MA Sep. 2015 – May 2018

- Programmed intelligent lighting systems for theatrical production using an ETC Eos Family console.
- Planned the power system and network management for 100-200 intelligent lighting fixtures for each production, and directed a crew of 5 to 10 technicians installing and maintaining the lighting system.

Freelance Lighting Production – Designer and Programmer Boston, MA Sep. 2005 – Present

- Designed lighting for broadcast studios, theater and dance, live music, and corporate and private events.
- Responsible for communicating with clients and directors in order to make their design concepts a reality.

Education

Emerson College – BFA: Design and Technology Boston, MA Sep. 2005 – May 2009

Related Skills

Lighting Desks: Grand MA 2, ETC Eos Family, Hog 4, Chamsys MagicQ, Jands Vista

Media Playback: Arkaos Media Server, Playback Pro, Dataton Watchout, QLab

Software: Vectorworks, Lightwright, Adobe Photoshop, Illustrator, and Premier

Certifications: OSHA 10 Construction Safety, Standard First Aid, CPR & AED