

JON FREE

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<https://github.com/freejonm> | Portfolio: <https://github.com/freejonm/portfolio>

SUMMARY

Full stack web developer and Duke University Ph.D. with experience in research and management. Known as a creative problem solver and supportive teammate, I'm excited to leverage my skills and experience to help build innovative web applications.

TECHNICAL SKILLS

Languages: HTML5, CSS3, JS ES6+, Ruby

Tools: React, Node.js, Express, MySQL, MongoDB, Bootstrap, Tailwind, Github

RELEVANT EXPERIENCE

Lecturing Fellow & Assistant Director for Research Development 2017 – Present
Duke University Energy Initiative Durham, NC

Taught courses and led interdisciplinary research teams investigating the social implications of energy systems past and present; managed and redesigned programs to seed new research with grants and foster interdisciplinary collaboration among scholars.

Key Accomplishments:

- Managed application and approval process for more than \$1.5M in seed funding, leading to \$7M+ in external funding for energy-related research.
- Designed and taught 2 popular courses introducing ~200 first-year students to the social dimensions of energy production.
- Led an interdisciplinary research team exploring the history of coal mining in the U.S. through oral histories and data analysis.

ADDITIONAL EXPERIENCE

Research Assistant, *Behind the Veil* 2010 – 2014
Center for Documentary Studies Durham, NC

Technical Support Teamlead/Programmer
National Processing Company/BA Merchant Services Louisville, KY

PROJECTS

Playcation

<https://github.com/stanleymcoy/team5-project1/>

<https://stanleymcoy.github.io/team5-project1/>

- A virtual vacation app that allows users to view the weather, top tracks, and popular images from locations around the world.
- I worked on both the front and back ends of this project.
- Languages/tools: HTML, Bootstrap CSS, JS, JQuery; APIs: Pixabay, LastFM, and OpenWeatherMap.

Media Munch

<https://media-munch.herokuapp.com/>

<https://github.com/chrisrisseler/project2>

- A multi-media review diary app that allows users to add tv, movies, or comic books to a library along with their reviews.
- I worked on both the front and back ends of this project.
- Languages/tools: HTML, Tailwind CSS framework, JS, Node.js, Express; APIs: Pixabay, LastFM, and OpenWeatherMap.

EDUCATION

Web Development Bootcamp Certificate: UNC-Chapel Hill, Chapel Hill (Graduation May 2021)

Ph.D., History: Duke University, Durham, NC

B.A./M.A., History: University of Louisville, Louisville, KY