

CHLOE HWANG

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PROJECTS

Omni | NERD Stack, React Native, A-Frame, Victory, CSS3
Dream journal app that analyzes sentiment and produces 3D/VR representation of dream.

@github.com/omni-project | omni-project.herokuapp.com

- Produced visualizations of sleep data for web and mobile, using Victory.js charting library.
- Implemented journal entry functionality for web and mobile.
- Made key styling decisions as lead frontend designer.
- Edited 3D models and defined VR components and animations.
- Collaborated with team to create algorithm that transforms sentiment analysis data into creative, 3D representations.

react-dynamic-UI | CSS3, HTML5, React.js, Node.js
UI toolkit for React.js offering components with built-in animation.

@github.com/chloehwang/react-dynamic-UI | rdi-demo.herokuapp.com

- Won Grace Hopper's Hackathon Best Design/UI Award.
- Created UI library that natively implements React patterns.
- Components animate on user interaction, e.g. scroll and hover.
- Designed to be modular and unopinionated, with flexible styling capabilities.
- Published on npm as node module.

Macbox | NERD Stack, React-Redux, CSS3, Mocha, Chai
Prototype e-commerce platform

@github.com/chloehwang/macbox | macbox.herokuapp.com

- Defined database schemas and associations, including asynchronous calls in hooks.
- Created pages for all products, single product, category, cart, checkout, and wish list.
- Developed cart functionalities for authenticated and unauthenticated users.
- Implemented Facebook and Google OAuth login.
- Styled site and animated using ReactTransitionGroup and GSAP.

EXPERIENCE

Fundraising Manager, ecoAmerica
Washington, D.C. (Dec 2014-Dec 2016)

- Oversaw production of a grant report, letters of inquiry, and extensive proposal within 6 weeks time. As a result, secured \$3M grant as part of two-person team.
- Managed portfolio of 150+ fundraising prospects.
- Led implementation of Salesforce database and became power user for organization.
- Defined and codified workflow systems and processes for newly-formed team.

SKILLS

Proficient: Javascript, React.js, CSS3, HTML, Express.js, Sequelize, REST API's, PostgreSQL, Node.js, Redux, ES6.

Knowledgeable: HTML5, Sass, jQuery, React Native, Balsamiq, SQL, A-Frame, Victory, Jasmine, Mocha, Chai.

Some Familiarity: GreenSock, Socket.io, Adobe Photoshop, Blender.

EDUCATION

Grace Hopper Program, Fullstack Academy (2017)
Four-month immersive fullstack Javascript bootcamp for women. 8% acceptance rate.

Cornell University
(2008-2012)
B.A., Linguistics

ACTIVITIES

Technology Committee
Young Nonprofit Professionals Network (2013-2015)

- Elected to manage technology needs of entirely volunteer-run organization.
- Provided technical assistance and researched and recommended new CMS platform.

The New Nonprofit
thenewnonprofit.co (2014-2015)

- Founded blog about technology and social enterprise.
- Articles published in Asian Philanthropy Forum and AsianNGO magazine.