

# CHLOE HWANG

portfolio: [chloehwang.github.io](https://chloehwang.github.io)  
[github.com/chloehwang](https://github.com/chloehwang) | [linkedin.com/in/chloehwang](https://linkedin.com/in/chloehwang)

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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](https://github.com/omni-project) | [omni-project.herokuapp.com](https://omni-project.herokuapp.com)

- Implemented journal entry functionality for web and mobile.
- Set up PostgreSQL database to asynchronously fetch data from Indico's natural language processing API.
- Collaborated with team to create algorithm that transforms sentiment analysis data into creative, 3D representations.
- Visualized sleep statistics for web and mobile, using Victory.js.
- Made key styling decisions as lead frontend designer.

**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](https://github.com/chloehwang/react-dynamic-UI) | [rdi-demo.herokuapp.com](https://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](https://github.com/chloehwang/macbox) | [macbox.herokuapp.com](https://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, jQuery, Express.js, Sequelize, REST API's, PostgreSQL, Node.js, Redux, ES6.

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

**Some Familiarity:** Socket.io, Sketch, Adobe Photoshop, Heroku, 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](https://thenewnonprofit.co) (2014-2015)

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