

Hannah Kang

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SKILLS

Languages: HTML, CSS, Python, JavaScript
Dev Tools & Technologies: Git CLI, Github, Visual Studio, webpack, Photoshop, Gimp, Google Suite, Ubuntu (Windows 10 Subsystem Linux)
General: Korean (fluent), technical writing, public science communication

PROJECTS

Uniview Assets Library (2018)

California Academy of Sciences

- A searchable catalog of planetarium digital assets built with React, jQuery, and Python
- Expedited show production time by compiling asset information into a single webpage
- Resolved user frustrations with the existing practice of manually searching through hundreds of folders to produce new planetarium shows
- Made accessible for the Uniview 2.0 user community through Github Pages release

Weather in a GIF-y (2018)

Personal Project

- A webpage where users can search for weather by city by using the Weather API
- Displays whimsical animations relevant for the weather (via GIPHY API)
- Uses Jest JavaScript testing and was developed with ReactJS in Visual Studio

Personal Library (2018)

Personal Project

- A webpage that displays a users book list developed in 2 versions: pure JavaScript and React
- Includes interactive JavaScript forms, buttons, and toggles

Planck Mission Exhibit (2015)

Santa Barbara Museum of Natural History

- Touch screen exhibit which guests use to explore videos, slideshows, and panoramas about the Planck space mission (Built with Apache/HTML/CSS/Python)
- Translated curator, visitor, and researcher feedback into accessibility updates and crash fixes
- Managed project timeline with an iterative development and site testing process
- Successfully installed exhibit updates and wrote a technical manual for future developers

EXPERIENCE

Planetarium Presenter (I + II) (01/16 – Present)

California Academy of Sciences

- Designed 5 HTML science tools and conducted guest surveys to improve visitor engagement
- Published promotional content, reaching 1300+ Morrison Planetarium Facebook followers and contributing to the museum's 5.7 million online content views
- Wrote 7 technical guides to standardize and streamline presenter onboarding experience
- Coordinated with and mentored staff on providing shows and resolving operational issues
- Prepared enthusiastic, audience-gearred presentations for diverse audiences at 21+ Nightlife events, local school outreach, and private lectures

Guest Experience Service Associate (11/15 – 11/16)

California Academy of Sciences

- Helped bolster the institutions industry-leading 84% employee courtesy score
- Facilitated museum operations and supported the Guest Experience team leads

Laboratory Specialist (06/14 – 09/14)

Lawrence Berkeley National Laboratory

(06/13 – 09/14)

- Invited for 2 consecutive summers after demonstrated ability to accomplish research goals
- Executed pilot testing on reducing experiment setup time by 33% and making samples preservable
- Increased scale of sample production and streamline process; the successful results were published in *The Journal of Structural Biology*

INTERESTS

Telescope volunteering (Earned U.S. Presidential Volunteer Service Award), urban dancing, stargazing, translating Korean media, building webpages and Python projects

EDUCATION

University of California Santa Barbara (09/11 – 09/15)

B.A in Physics, Minor in History of Art and Architecture