

Constellation — Call Your Personalized Constellation

Constellation — 呼唤你的星系坐标

Nan Zhao 赵楠

New York University Shanghai
nanzhao@nyu.edu

Abstract

Constellation — Call Your Personalized Constellation (Constellation — 呼唤你的星系坐标) is a website that generates a personalized constellation for you based on the Chinese Taoism BAGUA interpreting your birthday and voice. The idea behind the project is "Design for Everyone" and to "redefine the Relationship between individual life meanings and the vast universe." It links generative arts, personalized design, and voice recognition together. It is also the process of exploring the beauty of nature through codes.

To experience the journey, you first type in your name and birthday to see the initial star positions. Then you input your voice by reading a poem. The voice information will be recognized with voice recognition API. All the personal information is further converted into a systematic, personalized constellation through WebGL technology, generative art algorithms, and BAGUA philosophy. You will see how your personal information generates a constellation system, step by step, through the well-designed user experience journey. Entirely different from those static twelve existing constellations in the world, this constellation is dynamite and feels alive.



Fig 1. Title picture and marketing material of *Constellation-Call Your Personalized Constellation*, 2018, Nan Zhao, digital/print, Creative Commons Attribution-NonCommercial-ShareAlike 2.0 Generic license

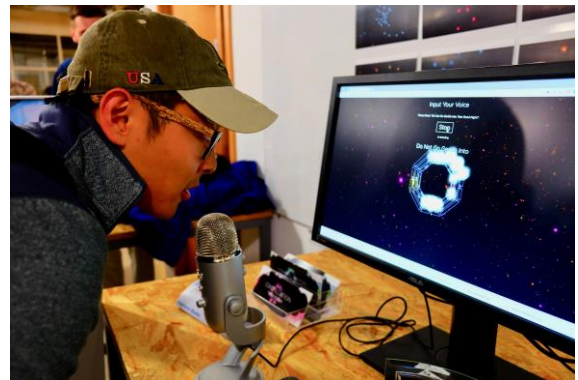


Fig 2-3. Photos of an exhibition and people experiencing *Constellation-Call Your Personalized Constellation*, 2018, Nan

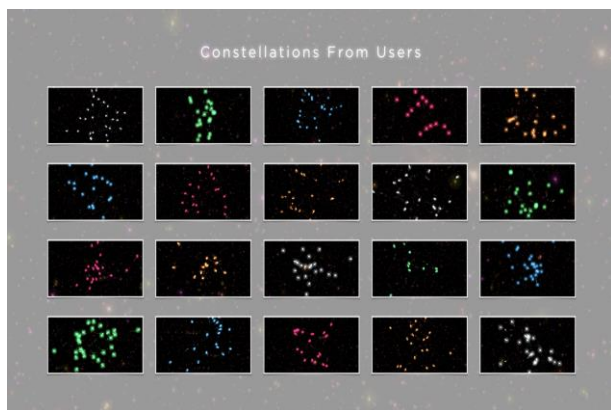


Fig 3. A collection of users' constellations gathered from *Constellation-Call Your Personalized Constellation*, 2018, Nan Zhao, digital, Creative Commons Attribution-NonCommercial-ShareAlike 2.0 Generic license

Project Details

This is a work of screen-based generative art, programming art, reactive interface, and user experience design. The technology is WebGL, React.JS, Voice Recognition API, and HTML/CSS. The project is displayed at <https://vimeo.com/269553307> and documented at <https://nanzhaoportfolio.wordpress.com/portfolio/webgl-ued-constellation/>

Biography

Nan Zhao is an interaction designer and a creative technologist who just graduated from Interactive Media Arts, New York University Shanghai. Nan's practice ranges from UX design, algorithmic arts, and interactive installations. She is driven by the motivation of exploring interaction design, new media, and arts. Offering people with delightful experiences is her dream. Her portfolio website is [here](#). She is currently working as an experience designer at HUAWEI User Experience Design Department in Shanghai.