Hanyu Tang

📞 412-623-9306

✉ hanyutang.sandra@gmail.com

🖥 https://hanyutang-sandra.site

🐱 https://github.com/hanyutang-sandra

Education

Carnegie Mellon University
School of Computer Science
Human-Computer Interaction Institute
Master of Educational Technology and Applied Learning Science (METALS)
Pittsburgh, PA, USA
Aug. 2018 - Aug. 2019

Xiamen University
School of Humanities
Xiamen, Fujian, China
Aug. 2014 - July 2018

Skills

HTML5, CSS3
SCSS, LESS, Bootstrap, Materialize, Material Design

JavaScript
ES6, JQuery, ReactJs, Redux, Webpack, Node.js, D3Js, ExpressJs, GraphQL, Rest API

Python
Django, Flask, Tensorflow

PostgreSQL, MongoDB

JAVA, PHP, MATLAB

Adobe Photoshop, Adobe XD, Adobe InDesign, Sketch, Invision, Figma

Languages

English (Fluent)

Chinese (Native)

German (Intermediate)

Experience

Frontend Web Developer Intern   Jun. 2019 - Aug. 2019
Carnegie Mellon University

- Used ReactJS, LESS, Redux and ExpressJS to develop and improve a website that is able to display more then 1000 images on a single page and visualize student pose data using Echart. Used by research team to analyze image data and quickly identify errors.
- Utilized GraphQL for efficient data retrieval from API and PostgreSQL for secure session information storage on the frontend.

Frontend Developer Intern   July 2017 - Aug. 2017
Xi'an Moumou Information Technology

- Developed a website that allows visitors to earn money by following local merchants, watching the advertisement posted, and participating in online games.
- Ensured consistency of website with the iOS and Android version app in both function and style.

Projects

Developer, Project 'Háblame'   Jan. 2019 - Aug. 2019
Houghton Mifflin Harcourt
Carnegie Mellon University

- Led the 4 monthe final prototype development process for 'Háblame', a web application based on Drupal 7 CMS for authoring and hosting immersive conversation-based interactive videos for language learning in an Agile team.
- Incorporated Google automatic speech recognition (ASR) and Experience API (xAPI) into customized H5P, a popular online platform for creating educational HTML content.
- In charge of quantitative data analysis using Python and Matplotlib, and team website building using ReactJS.

Software Engineer, Project 'Grumblr'   Sep. 2018 - Nov. 2018
Carnegie Mellon University

- Prototyped a MVC (model-view-controller) web app that allows users to post and view blog stream of other users.
- Implemented full-stack web development using Django as well as HTML5, CSS and JavaScript (JQuery).
- Adopted PostgreSQL for data storage and deployed on Heroku.