

Hanyu Tang



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<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
Carnegie Mellon University

Jun. 2019 - Aug. 2019

- Developed and improved a website using ReactJS, LESS, Redux and ExpressJS to display more than 1000 images on one page and visualize student pose data using Echart for project researchers to view data conveniently and identify errors quickly.
- Utilized GraphQL for efficient data retrieve from API and PostgreSQL for secure session information storage on the frontend.

Frontend Developer Intern
Xi'an Moumou Information Technology

July 2017 - Aug. 2017

- 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'
Houghton Mifflin Harcourt
Carnegie Mellon University

Jan. 2019 - Aug. 2019

- Led the 4 months' final prototype development process for 'Háblame', a web application based on Drupal 7 CMS for authoring and hosting conversation-based interactive video 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'
Carnegie Mellon University

Sep. 2018 - Nov. 2018

- 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.