

# Hanyu Tang



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<https://hanyutang-sandra.site>



<https://github.com/hanyutang-sandra>

## Education

**Carnegie Mellon University**  
School of Computer Science  
Human-Computer Interaction  
Institute  
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, D3.js,  
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

**Web Developer Volunteer** Aug. 2019 - Sep. 2019  
**ASASS, United Nations**

- Developed an e-learning platform to provide world-class U.S. university education to people of disadvantage living and working in Africa.
- Utilized Supported Distance Education methods on LMS (Learning Management System) to power free online learning.

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

- Developed and improved a website using ReactJS, LESS, Redux and ExpressJS to visualize large amount of data for project researchers to view data and identify errors.
- Utilized GraphQL for efficient data retrieve from the 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 function and style.

## Projects

**Háblame, Carnegie Mellon University** Jan. 2019 - Aug. 2019

- Led the final prototype development process for 'Háblame', a web application based on Drupal 7 CMS to author and host conversation based interactive video for K12 Spanish language learning in an Agile team.
- Incorporated automatic speech recognition (ASR) and xAPI into customized open source platform H5P.

**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 development using Django as well as HTML5, CSS and JavaScript (JQuery).
- Adopted PostgreSQL for data storage and deployed on Heroku.