

Hanyu Tang

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hanyutang-sandra.site

EDUCATION

Carnegie Mellon University, School of Computer Science, METALS

Pittsburgh, PA, USA

Aug. 2018 - Aug. 2019 (*Expected*)

Relevant Coursework: Web Application Development; Human-AI Interaction; Applied Machine Learning; Interaction Design Overview; Methodology of Visualization; Document Design; Introduction to Computer Music (Audit)

Xiamen University, College of Humanities

Xiamen, Fujian, China

Aug. 2014 - July 2018

Relevant Coursework: Application of Python Programming; Foundations of Programming; HTML5 Canvas Games Development; Data Processing and Evaluation with MATLAB; Computer Networks with Communication; Introduction to Computer Network Security.

SKILLS

Programming:

- HTML5, CSS3 (SCSS, LESS), Bootstrap, Materialize,
- JavaScript (JQuery, ES6, React.js, Webpack, Node.js, D3.js),
- Python (Django, Numpy, Matplotlib, Scikit-learn, Tensorflow),
- C/C++/C#, MATLAB, R

Design:

- Adobe Photoshop, Adobe Illustration, Adobe XD, Adobe In-design, Adobe AE,
- Sketch, Invision, Figma

Research:

- Affinity Diagram, User Interview, Customer Journey Map, User Personas, Cognitive Task Analysis,
- A/B Test, Vivo Experiment

Language:

- English (*Fluent*), Chinese (*Native*), German (*Intermediate*)

EXPERIENCE

Product Manager Intern, The One Electronic Technology

Aug. 2017 - Sep. 2017

- Conducted research to investigate the market potential for the company's virtual reality (VR) game and reported the findings to the executives.
- Collaborated with developers on prototyping a new augmented reality (AR) device that aims to improve tourists' navigating experience with immersive location-based direction guidance.
- Coordinated product requirements, design and implementation with developers and designers

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 and watching the advertisement posted.
- Ensured consistency of website with the iOS and Android version app in function and style. Connected the website with database and implemented instant data transmission to frontend.

ACADEMIC PROJECTS

'Hotpot Music', Carnegie Mellon University

Sep. 2018 - Dec. 2018

- Designed and prototyped a web application that allow users in the same room to listen to music simultaneously and send public comments
- Utilized HTML, CSS and JavaScript together with jQuery and Bootstrap to ensure responsive web application and great user experience
- Implemented Web Socket and ScrollMagic.js for simultaneous communication and animation effects

'Grumblr', Carnegie Mellon University

Aug. 2018 - Dec. 2018

- Designed and prototyped a MVC (model-view-controller) web application that implements an online miniblog website that allow users to register, login, post and view personal and other's posting stream and information
- Combined Django framework with HTML, CSS and JavaScript (JQuery) to create interactive user interface and optimize performance
- Adopted PostgreSQL for data storage and implemented on Heroku.

'Interaction Movie', Xiamen University

Feb. 2017 - Feb. 2018

- Designed and prototyped an app that allows users without professional knowledge about filmmaking to record, edit and upload self-made films.
- Conducted user research on college students on most frequently required support for film making.
- Led script writing and filming of the demo video.