

# ANGELA (JIEWEN) CHEN

Frontend Engineer | Pittsburgh, PA

Email: [jiewenc@andrew.cmu.edu](mailto:jiewenc@andrew.cmu.edu)

Phone: 412-638-6239

Linkedin: <https://www.linkedin.com/in/jiew-en-angela-chen-b56922192>

## EDUCATION

### Carnegie Mellon University | AUG 2019 - MAY 2021

Master of Entertainment Technology

#### Relevant Courses:

Web Application Development, Programming Usable Interfaces, Java for Application Programmers, Data Structures for Application Programmers, Production and Leadership, Introduction to Python Programming, Building Virtual Worlds, Visual Story

TA Experience: Fall 2020 - Head Teaching Assistant for 53-608 Visual Story

### Communication University of China | SEP 2015 - JUN 2019

Bachelor's Degree, Digital Media Art and Electrical Engineering

#### Relevant Courses:

Advanced Mathematics, Linear Algebra, Language Programming C, Probability and mathematical statistics, Digital Media Technologies, Design Thinking Innovation and Application, Interactive Multi-media, Foundation of Computer Application

Achievements: National Scholarship (2018) / University Excellent Graduation Thesis (2019)

## SKILLS

### PROGRAMMING LANGUAGES

JavaScript/ES6	Python
HTML&CSS	PHP
Java	

### TECHNOLOGIES

React/Redux	Sass
Django	Git/GitHub
Bootstrap	WordPress
Webpack	Unity3D
AJAX	

### DESIGN SOFTWARES

Figma/Adobe XD	InVision Studio
Adobe Photoshop	Adobe InDesign
Adobe Premiere	Adobe After Effects

## PROJECT EXPERIENCE

### Museum.Live - Capstone Project with The Frick Pittsburgh | AUG - DEC 2020

Frontend Engineer | HTML, CSS, JavaScript, React.js, Bootstrap, WordPress.org

- Built a web platform that allows museum staff to design and execute virtual tours during COVID-19. Helped them better organize their digital materials and provided them a present-ready UI.
- Implemented all pages with customized UI components utilizing HTML, CSS, JavaScript, Bootstrap and React.
- Delivered the website to 5 Pennsylvania museums, which allowed them to conduct virtual tours to hundreds of guests.

### Bubble Sort - Online Boba Delivery Website | OCT - DEC 2020

Full-Stack Software Engineer | HTML, CSS, JavaScript, React.js, Redux, Bootstrap, Python Django, Heroku

- Built a full-stack boba delivery web application utilizing React for frontend and Django for backend.
- Designed and implemented customer-side features such as ordering, and owner-side features such as tracking orders.

### Foresight | JAN - MAY 2020

Producer, UX Prototyper | VR, Unity3D, Project Management, Leadership

- Led the team with agile methodology to design and implement a new filmmaking tool which provided a more efficient way to previsualize movie scripts and strived to use VR to solve the problem of traditional previsualization being too expensive.
- Co-designed and prototyped the UI of a virtual camera with Unity, and created multiple previsualization clips with the tool to demonstrate the concept.

### Building Virtual Worlds | AUG - DEC 2019

Producer, Interaction Designer | VR/AR, Project Management, Interaction Design, Leadership

- Rapidly prototyped 5 VR/AR experiences such as *Baby Go* in interdisciplinary teams of 5, each within 1-2 weeks.
- Designed a VR baby simulating experience through brainstorming, prototyping and playtesting. The project was selected to ETC Festival 2019 to showcase and played by 100+ guests.

## WORK EXPERIENCE

### CMU CS Academy - CMU School of Computer Science | MAY 2020 - AUG 2020

UX Developer, Designer | Figma, HTML, CSS, Python

- Improved the design and interactions of a world-class interactive online high school computer science curriculum (based on Python) with 900+ teacher users and 26000+ student users.
- Designed teacher admin experience and delivered wireframes, low-mid fidelity UI, and usability testing documentations.
- Improved the implementation of teacher discussion forum UI with HTML and CSS.

### Virtual West Coast Trip - Entertainment Technology Center Career Event | Jan 2021

Project Assistant | Adobe Photoshop, Figma, HTML, CSS, WordPress.com, Elementor

- Designed and built a website to facilitate the communication between ETC students and employers during the virtual trip.
- Supported the success of the event and helped 44 students build connections with 50+ alumni and 18 employers.