

Zeya Peng

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EDUCATION

Cornell University

College of Engineering
Information Science, MPS
Expected Grad. December 2019

Zhejiang University

Grad. June 2018
Psychology, B.S
Digital Media Technology, Minor
Cumulative GPA: 3.65/4.00

SKILLS

Programming Languages:

JavaScript, TypeScript, C/C++, C#,
Python, Java, SQL

Development Skills:

HTML5/CSS3, LESS, SASS, ReactJS,
VueJS, AngularJS, ExpressJS,
jQuery, OpenGL, OpenCV, Three.js

Tools:

Git, Node.js, Elasticsearch, MySQL,
Visual Studio

COURSEWORK

Intro. to Analysis of Algorithms
Data Structures
Database Systems
Computer Graphics
Computer Vision
User Experience & Software
Development Studio

ACTIVITIES

Qiushichao Website Product
Manager@ZJU
Global Game Jam '18@Shanghai

EXPERIENCE

Harmony Cloud Technology

Front-end developer Intern

May 2018 - July 2018

Hangzhou, China

- Collaborated with PM and designer to extend core features on APM website front-end, using AngularJS, CSS and visualization library; built REST API with ExpressJS, connecting to MySQL and ElasticSearch.
- Refactored front end with ReactJS and LESS(CSS preprocessor) to address scalability and performance issues, downsizing UI components code base significantly.

Cascade Lab

July 2017 - September 2017

Research Intern at University of Illinois Urbana-Champaign Urbana, IL

- Designed and built 2 analytics-driven 3D games using Unity3D in C# to train visuospatial skills; study of 10 participants showing strong correlation between game performance and spatial skills.
- Built the API for game map, enabling efficient iteration on game modules.

PROJECTS

SecurityCentral MPS Capstone Project. Client: RedHat

Designed UX and implemented web front-end of RedHat's Open Source web project using Patternfly Framework and ReactJS, which guides users to fill out security reports and help security officers to track supervision work. Collaborated with back-end to build input validation and comment system.

Library for Material Design Button on Vue 2.5

Created Button component with Material Design Motion (Tweening, Fading, Shared Transformation, etc.).

NewsViz

Developed back-end of a meme-sourcing mobile Web App to pull out and cluster headline articles from Internet, using Django and ElasticSearch.

MiniSQL

Led in a team of four to construct relational database management system (RDBMS) using C++. Implemented simplified SQL standard, supporting syntax interpreter, storage buffer and index operations by B+ tree.