

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

SKILLS

Programming Languages:

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

Development Skills:

HTML5/CSS3, LESS, SASS, React, React
Native, VueJS, AngularJS, ExpressJS,
Django, PHP, Relay, GraphQL, jQuery,
OpenGL, OpenCV, Three.js, d3.js

Tools:

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

COURSEWORK

Computer Graphics
Computer Vision
Data Structures
Database Systems
HCI Studio
Intro. to Analysis of Algorithms
Operating Systems
UX & Software Development Studio
Visual Data Analytics for Web

ACTIVITIES

- Product Manager of Notice on Qiushichao Website@Zhejiang University
- Lead Programmer in Global Game Jam '18@Shanghai, work featured on co-organizer's official social media

EXPERIENCE

Facebook, Inc.

Frontend Engineer Intern, Recruiting Evaluate

May - August 2019

Menlo Park, CA

- Independently built mobile version of Candidate Review app (an internal recruiting product) and rolled out to 100% employees, setting foundation of the first React Native app in Enterprise Engineering org.
- Improved mobile performance by optimizing complex business logic and moving that to PHP backend.
- Contributed to documentation of Relay, an Open Source project by Facebook with 13k stars.

Red Hat, Inc.

Graduate Student Software Developer

Sept. - Dec. 2018, March - May 2019

Ithaca, NY

- Prototyped web project SecurityCentral using ReactJS; work submitted as a demo to GSA 10x that funds technology ideas improving people's experience with government.
- Contributed the UI component, Classification Banner, to RedHat's Open Source Patternfly UI library.

Harmony Cloud, Co. Ltd.

Front-end Developer Intern

May 2018 - July 2018

Hangzhou, China

- Extended core features of Application Performance Monitoring website deployed online for 14 client companies, using AngularJS, CSS and visualization library; built REST API with ExpressJS, connecting MySQL and ElasticSearch.
- Refactored front-end with ReactJS and LESS(CSS preprocessor), downsizing UI components code base significantly, improving code scalability and client-side performance.

SELECTED PROJECTS

Let Me Check: Progress Web App for General-Purpose Tracking

- Designed responsive UI and led development of a single-page progressive web app for mobile devices, allowing a wide range of tracking purpose and granularity, using VueJS and d3.js.
- Independently built MVP framework from scratch, decoupling views and models and speeding up collaboration with peer developers.
- Achieved first meaningful paint of 1.2s when first installed, used Service Worker to reduce later loading time by 99.5%.

Visualization of US Pollution in 2000s

- Created interactive US map and line graph to visualize concentration of major toxic gas in air of different states from 2000 to 2016, along with population by state in each year, using d3.js, based on 400.9MB pollutant data and population data of all states from Kaggle.