Dingyu Peng

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GitHub: https://github.com/doublehidenblade/ Portfolio website: http://dingyupeng.com

Education

Northeastern University Seattle, 01/2020-05/2021

Master of Science in Information Systems   Expected Graduation: May 2021

University of Illinois Urbana-Champaign, 08/2015-05/2019

Bachelor of Science in Mechanical Engineering   Technical GPA: 3.47/4.00   Graduation: May 2019

Related Coursework: Data Structures Honors, Computer Systems & Programming, System Programming, UI Design, Applied Parallel Programming, Manufacturing Data & Quality Systems, Intro to Computing

Freelancing

Full-stack Development: wechat pay for ASMR content freelancing project 06/2019 – 07/2019

- Built a website for an ASMR show host to sell private content, supporting the popular wechat pay but without using wechat API, avoiding content censorship
- User registers and logins in to browse content, clicks on file to receive wechat pay QR code, developed an android app that listens to the payment alert on a cell phone (supports multiple phones to handle concurrency) and sends payment information to the server via API calls, unlocking the content for user
- Features: CAPTCHA verification, retrieve password from email, pagination, sorting by latest/hottest/other labels, subscribed content page
- Developed using HTML/CSS, Javascript, Python, Django framework, Apache, MySQL

Work Experience

Front-end intern Ouyeel International Inc. (e-commerce company of steel) 05/2019 – 08/2019

Mobile Web Development with Vue

- Built a mobile-based social media app for employees to post thoughts and comments, with functions including lazy loading, advance/backward button, sorting by date, using webpack, Vue.js, AJAX, HTML, CSS, JavaScript

PC Web Development with plain JavaScript

- Implemented the new home page for Ouyeel logistics platform according to design, from layout to interactive animations, using webpack, babel.js, HTML5, CSS3, Sass, JavaScript (ES6, jQuery)
- Contributed to the company front-end component library, implemented a province-city-area selector component with prototypal inheritance standard

Projects

Web Development: uiucphoton.com student organization 04/2019 – 05/2019

- Built a video website for school film club and launched on Amazon AWS server, club managers can log in to manage video and image content
- Implemented dynamic content management with Django framework and SQLite upon client request
- Achieved front end development with Bootstrap, HTML, CSS, JavaScript

Augmented Reality App Development (UIUC Technology Services) 01/2019 – 05/2019

- Built an android app that recognizes objects on campus and displays introduction video on the object
- Achieved with Unity 3D, Vuforia, Android Studios

Skills

- Intermediate: HTML5, CSS3, JavaScript (ES6), jQuery, Vue.js, Python, Django, Git
- Beginner: React.js, AJAX, RESTful, D3.js, Webpack, Gulp, SVN, CUDA