

BICEN YE

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SUMMARY

I came from a highly mixed background of data, design and programming. Studied at Harvard and worked in the field of architecture and urban design. During my past experience in the architectural firms, my task involved collecting urban analysis data from urban database, filtering, designing and processing the data in a strong graphically representative way utilizing in house software, API and graphic softwares to improve the way of implementing a urban project. I have strong understanding of UX/UI concepts and interface usability, and a demonstrated record of good design flow in interactive application. I have strong enthusiasm and a boost of ideas in integrating programming, data and technology with visualization design which will utilize all my skill -- 3D modeling and virtual reality; frontend skills of javascript, jQuery, React and Python; backend skills of MongoDB or MySQL.

EDUCATION

HARVARD UNIVERSITY

SEP 2008 - MAY 2010, MASTER DEGREE, DESIGN STUDIES

Harvard Graduate School of Design, took courses and project experience in data research, mapping and analysis, data visualization, 3D multimedia and interaction design, industrial design and graphic design. Experience with HTML, CSS, Javascript, Adobe Photoshop, Adobe Illustrator, 3D VR/AR tool sets.

UCLA EXTENSION

2018, FULL STACK WEB DEVELOPMENT, CERTIFICATE

Overall Grade A; Project A+;

SOUTH CHINA UNIVERSITY OF TECHNOLOGY

SEP 2003 - MAY 2008, BACHELOR DEGREE, ENGINEERING

EXPERIENCE

HLW INTERNATIONAL LLP, PROJECT DESIGNER

MAR 2016 - CURRENT

HIGHLIGHTS:

- Project related data visualization presentation utilizing Adobe Illustrator, Adobe Photoshop, ESRI ArcGIS data mapping, 3D VR/AR visualization tool set;
- Worked with javascript algorithm based npm package to assist building information modeling(BIM) and urban data analysis, Geographic Information System(GIS) Mapping;
- Assisted and coordinated the company website development, UI layout and front-end programming (HTML) for web application that matched requirements using HTML5 and CSS3.

FREELANCE WEB DEVELOPER

2018

NUTRITION CALCULATOR PROJECT CLIENT: RENOVO JUICERY

HIGHLIGHTS:

- Worked on frontend using ReactJS. Design responsive web pages using HTML5, CSS3, JavaScript, Reactstrap and Bootstrap;
- Worked with AJAX, JSON and MySQL/Sequelize to post/get data at backend;
- Implemented study of user requirement; responsible for client-side UI Validation and implementing business logic;
- Created UI/UX design mockups and wireframes using Draw IO, Adobe Illustrator and Photoshop.

AECOM, SENIOR DESIGNER

2013 - 2016

HIGHLIGHTS:

- Utilize ESRI ArcGIS to collect, analyse, and display US Census and geographic data;
- Focus on design, interactivity, and effective graphic representation of raw data.

5+DESIGN, DESIGNER

2010 - 2013

SKILL

- Web Technologies : HTML5, XML, CSS3, JavaScript, JQuery, AJAX, Bootstrap, Responsive Web design;
- Version Control: GIT;
- JavaScript Libraries: JQuery,Require.js, React.js, Node.js;
- Database: MySQL/Sequelize, MongoDB/Mongoose, Firebase DB.
- Wireframe/Design Tools: Adobe Illustrator, Adobe Photoshop; Adobe Dreamweaver, Draw IO, good sketching skill;
- Data Visualization: ESRI Arc GIS, D3.js,
- 3D/VR: Sketchup, Rhino6, 3dMax, Adobe Illustrator, Adobe Photoshop, EnscapeVR