Felix Wu
Australian Permanent Resident

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PROFESSIONAL SUMMARY

Front-end web developer with versatile skill set and hands-on experience in web development. Specializes in translating designs to front-end code, web responsive design and web app building. Keen on learning and utilizing cutting edge web technologies to build scalable, high-performance websites with great user interactive experience.

KEY STRENGTHS

Summary of Skills

- Fast leaner of new technologies and interdisciplinary knowledge.
- Enthusiasm for web development and pursuing technical expertise in web development.
- Attention to detail, dedicate to deliver pixel perfect websites with clean, elegant and efficient code.
- Problem solving and critical thinking.
- Self-disciplined, good at prioritizing tasks and time management
- A knack for teamwork and building positive interpersonal relationship.
- Adept at verbal and written communication and capable of communicating with people from various professional backgrounds.

Technical Skills
Proficient in:

- HTML5, CSS3, JavaScript
- JavaScript library and framework: jQuery, Zepto, AngularJS
- Bootstrap and Less
- Back-end: Node.js, express,
- Building and automation tool: Gulp
- Version Control: Git, GitHub
- Understanding of basic SEO design principles
- Responsive design

Familiar with:

- Database: MongoDB
- Command line: Bash
- Static website generator Hugo
- Cross-browser compatibility

PROFESSIONAL EXPERIENCE

Front-end web developer   **Mar 2018 to Current**

- **Project: sayings**
  A message board website built with Node.js, express, MongoDB, Bootstrap and EJS.
  Users can register, login, set and edit avatar image, post message and make comments.
- **Project: one moment**
  One-page web app built with AngularJS and Gulp which can dynamically deliver the
  media content from Douban APIs.
- **jTool**
  Self-encapsulated JavaScript library which can realize the similar function of jQuery.
- **Web game: flappy bird**
  A web game built with Canvas and JavaScript
- **Personal website**
  Built with Boilerplate, Bootstrap, fullpage, Less with responsive design
- **Personal blog site**
  Built with Hugo, a static web page generator, to fulfill knowledge management.
- **Responsive website**
  Utilized bootstrap grid system and CSS3 to achieve the responsive web design of a B2C
  finance company.
- **Mobile and desktop website**
  JD (e-commerce company) homepage website for desktop and mobile device.

Chemical Engineer, assistant researcher   **Aug 2016 - Jan 2018**
SINOPEC Research Institute of Petroleum Processing, Beijing, China
Responsibilities:

- Researched on the factors that deteriorate petroleum refining catalyst and improved the
  endurance of the catalyst.
- Provided on-site technical service for clients (major oil refinery plants). Troubleshot the
  problems of their usage of the catalyst and catalyst performance.
- Attended technical conference and made speeches to demonstrate the latest progress of
  our research and advocated the novel catalyst we had developed.

Achievements:
Front-end web developer

- Grew into a professional front-end web developer with versatile skill set from a
  green hand, driven by the strong interest in web development and career ambition.
- Completed several projects utilizing a combination of technologies with clean,
  elegant and efficient code. Gained experience of web development process from open
  source community.

- Continuously upgraded knowledge and skills from open source community, technical blogs, reference books, documents, and online coaching programs.

Chemical Engineer and assistant researcher
- Contributed to the development of novel catalyst with greatly improved endurance and efficiency, which was widely recognized by the refinery plants and boosted the annual sale of 2017 by 20%.
- Gained 97% Customer satisfaction of our technical service and ranked 1st among catalyst suppliers.

TRAINING

- **Web development projects**   **Mar 2018-Jun 2018**
  IT Cast Education
  MVC framework development (AngularJS), full stack web development (Node.js, express, MongoDB, Bootstrap)
- **Front-end web development**   **Jan 2018-Mar 2018**
  Baidu Institute of Front End Technology
  HTML5, CSS3, JavaScript, jQuery, Bootstrap, Canvas, mobile web development

EDUCATION

- **Master Degree of Chemical Engineering**   **Sep 2013-Jun 2016**
  SINOPEC Research Institute of Petroleum Processing (RIPP), Beijing, China
- **Bachelor Degree of Applied Chemistry**   **Sep 2009-Jun 2013**
  Wuhan University, Wuhan, China

PORTFOLIOS

- Personal website https://felixyonex.github.io/
- GitHub repository https://github.com/felixyonex

REFEREES

Available on request