{'廖柏舜': 'Benson Liao'}

Front-End Engineer

Taipei, Taiwan | 0918227811 | skylock777@gmail.com

bensonliao.github.io/   github.com/BensonLiao

Summary

Skype: invite me (or find me by email)

- Offering 7 years of experience providing well-organized / tuned web applications.
- Hands on building applications from the ground up.
- Good understanding on communication between backend and frontend with RESTful API.
- Always learning how to write clean, [maintainable, [flexible]] code.
- Intermediate domain knowledge of Data Visualization, Natural Language Processing and Machine Learning.
- Happy to share knowledge, like https://github.com/BensonLiao/blog

Work experience

Senior Front-end Developer
AndroVideo - Department of Software Development

Nov 2019 - Now

- Maintain / Implement new feature of the camera's web UI (tech stack: **react, formik, bootstrap, sass, jquery, axios, i18next, node, express, got, webpack, grunt, jest, cypress**)
- https://github.com/BensonLiao/avc-camera-webui-fe
- Notable Works:
  - Introduce and Implement mock db with **LocalStorage** to help early phase development
  - Create a layout like google keep based on css's **flex** layout under browser support limitation
  - Apply some advanced tuning to reduce waste rendering by nearly 30% (React.memo, refactor class to functional, etc...)
  - Create and maintain couple of components to fit design/business spec (
  - react-content-editable, datetime-picker, stage-progress)
  - Implement new features based on third-party library
    - mask area editor (react-draggable and element-resize-detector)
    - face photo editor (cropperjs and react-cropper)
    - trigger line and area editor (fabric and react-design-editor)
  - Apply i18next to reduce co-working time by nearly 40% between translation and development
  - Apply various linter to keep team's coding style (**eslint, stylelint, commitlint**)

Unemployed Period

Aug 2018 - Nov 2019

Most of projects made after my first job at NTNU, which is based on my own needs, idea or practice.

- Mazu-Did-Not-Say-That-Shit: Mocking page of a single Facebook post, implemented with **React, Redux, Redux-Saga, Styled-Components**
- Mazu-Did-Not-Say-That-Shit-Sorybook: Storybook for Mocking page of a single Facebook, see how components works as a standalone UI. And it's

Skills

Languages:

HTML

CSS

Javascript

Framework/Library:

React

Redux, Sass, Styled-Components, Bootstrap, D3.js, JQuery, Axios

Redux-Saga, Storybook, i18next, Material-UI, Node.js , Express.js

DevTools/Paas:

Git, Gitlab, VSCode, Eslint

Webpack, Github, Gitlab CI, Postman, Chrome developer tool, Stylelint

Commitlint, Github Pages

Operating Systems:

Mac, Linux, Windows

very good for communication with colleagues, supervisors, even clients during development

- liff-react-boilerplate : Boilerplate for LINE's frontend framework call "LIFF", implemented with **React, Bootstrap**
- my-line-simple-bot : LINE bot server utilized with liff-react-boilerplate and imgur-api-go-v3, LINE user can chat with bot, upload image to imgur.com or search subreddit/account on imgur.com, written with **Golang, Gin**

Full-stack Developer
NTNU - The Office of Institutional Research
Jan 2016 - Aug 2018

Help to develop web application for official website and stats visualization for Institutional Research.

- Identified and investigate potential problem through big data, make data visualization for evidence.
- Build a web application for annual report, allow end-user to input and check data as an editable table. Used by most of the faculties at university.
  - http://yreport.iro.ntnu.edu.tw/ (tech stack: **React, Material-UI, Laravel**)
- Build a web application to show visualization based on these data.
  - http://factbook.iro.ntnu.edu.tw/ (tech stack: **React, Material-UI, Laravel, Tableau**)
  - http://www.iro.ntnu.edu.tw/web/?Yreport (tech stack: **D3.js, JQuery, PHP**)

Full-stack Developer / Research Asistant
NTNU - Information Technology Center
Sep 2011 - Mar 2016

As both research assistant and software engineer, who was dedicate to build web applications or software programs for research purpose and for the needs of faculty at university. My professor's subject was NLP (Natural Language Processing), so there's a lot of web applications are built upon NLP.

- Build web applications utilized with NLP technologies

Knowledge QA System (tech stack: **ASP, IIS, Webgine**)

Knowledge Search Portal (tech stack: **ASP.NET, IIS, Webgine, vis.js**)

- Build web applications to help other faculty at university

TOCFL(Test of Chinese as a Foreign Language) Lerner Corpus Information Retrieval System (tech stack: **JQuery, Servlet, SQLite**)

- Build web applications for short-term project as industry-academia cooperation/collaboration
  - Public opinion analysis system with CHTTL (tech stack: **Python, CNLTK, CKIP**)
  - LPG supplier report system with LPGPO of TRI (tech stack: **ExtJs, MariaDB**)

Education

Information Management	Sep 2008 -
National Yunlin Technology University	Jun 2010

Information Management	Sep 2003 -
TamKang University	Jun 2008