

Izen Brast Huang

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EXPERIENCE

Dayta AI , Hong Kong — *Software Engineering Intern*

Jun 2019 - Aug 2019

- AGILE development environment
- main language/libraries used: React JS, semantic-ui-react, axios, AWS

Administrative page development:

- Front-end design using React JS, semantic-ui-react
- Pagination: worked with axios to communicate with back-end server

User-side drawing of bounding boxes on video/frames:

- Received image from axios call and displayed it onto a modal
- Designed a UI/UX that allowed user to draw/drag their desired regions for various modules (e.g. heatmap module, staying time module)

Else:

- API documentation on AWS server communications for internal use (both in markdown and json to be displayed on website)
- Ensured cross-browser compatibility for front-end stylings
- Wrote README on a getting-started guide for Docker development

eJoule, California, USA — *Software Engineering Intern*

Jun 2015 - July 2016

Worked with senior developer to develop a GUI for an automated machine

Language used: C#, C++

EDUCATION

Hong Kong University of Science and Technology, Hong Kong — *Computer Engineering*

Sep 2014 - PRESENT

Final Year Project: Analysis & Research of Machine Learning Models for Stock Prediction

Personal Projects

FdF - A program that takes an array of numbers representing height and rendered it to 3D

Recreation of 'ls' command - including the options '-lrtaR'

Recreation of printf - Implemented many of the features including printing of memory address, numeric base conversion, and fields.

Recreation of string library - a custom library of 100+ functions recreating string functions

Link:
<https://github.com/izennn>

SKILLS

C/C++/Java

Web: HTML/CSS/JS/React JS

DevOps: brief understanding of Docker

LANGUAGES

English (native), Mandarin (fluent)