HENG WANG

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SKILLS

Programming Languages: JavaScript, Python, C#, SQL, HTML5, CSS3, Git
Frameworks/Tools: Node.js, Express, Sequelize, SOCKET.IO, Flask, WTForms, SQLAlchemy, SQLite, PostgreSQL, React, Redux, Redux-thunk, Docker, Heroku, Unity, RESTful, Matlab
Tech Skills: Pair Programming, Test-Driven Development(TDD)
Languages: Mandarin Chinese (Native), English (Fluent), Japanese (Fluent)

PROJECTS

swEtsy | *(React/Redux,Python Flask, SQLite&PostgreSQL)*   **live** | **github**
- Developed most of the functional part for the search feature, ensuring that it is very robust for invalid inputs from both the search bar and the browser URL bar.
- Implemented the backend API routes quickly and made it easy to be extended with other data with robust error handling.
- Coordinated with other members and helped them debug when they are getting missing with some tricky bugs. As a result, we enhanced the development efficiency.

Doorskid | *(React/Redux, Express, Socket.io)*   **live** | **github**
- Discovered how to use Socket.io then utilized it in 3 days, and explored the data flow and logic for the live message CRUD feature.
- Boosted the robustness by adding a lot of error handling and limitations, in order to make sure that there won't be unexpected inputs breaking the site.
- Administered both the project and the schedule while I had a 3-day moving schedule, and engineered 3 MVP features + 1 bonus feature in more stress and fewer days.

Catbnb | *(React/Redux, Express, SQLite&PostgreSQL)*   **live** | **github**
- Established the backend RESTful API routes in 3 days even though it's my first project.
- Discovered using express middleware groups and improved the DRY/SRP of the code.
- Investigated how to test the data input and make an efficient debug, and finally established a workflow of testing and bug isolation.

EXPERIENCE

Manager of Technical Service Department (Since Oct 2014)
Beidou Satellite Information Service Co., Ltd   Apr 2014 - May 2015
- Improved the company's workflow with an engineer management brain, so that the cooperation and responsibility relations are clear.
- Taught the team about the technical concept overview of our cooperators' companies, after self-learning it in a short time.
- Regulated a 15M$ project with cooperators from head companies in the industry, being responsible for coordinating all the cooperators, integrating the technical documents in one project paperwork, and finally submitted the application on time in a very short interval.

EDUCATION

Tianjin University of Science & Technology *- BS Computer Science in Information Technology, 2010-2014*
Kyoto Computer Gakuin (Japan) *- Exchanged student in Information Technology, 2013-2014*
Technical University of Denmark *- Computer Engineering in Efficient & Intelligent Systems, 2016-2018*
AppAcademy *- Javascript & Python full-stack April Cohort for the newest technology stack in the industry, 2022*