KENNETH YANG

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Portfolio website: https://kejyang.github.io/

EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA CRUZ   Santa Cruz, CA

Bachelor of Science   June 2020
        Major in Computer Science

SKILLS

- **Languages:** Javascript, Typescript, Java
- **Frontend:** HTML, CSS, Angular, React
- **Backend:** Node.js, Express, MongoDB, SQL
- **Technologies:** Github, Cypress, Selenium
- **Methodologies:** Agile

PROJECTS

IMAGE HOSTER FOR ARTISTS
- Link: https://art-progress-tracker.web.app/home
- Public account: Username:testemail@gmail.com Password:Testpassword1!
- Repo: https://github.com/kejyang/project
- A full stack image hosting website project made for artists to host their work.
- Front end built by Angular.
- REST api back end built with Node.js, express and Mongoose.
- The images are stored in Firebase Cloud Storage and retrieved via email.
- Utilizes MongoDB database via MongoDB atlas.
- Authentication is handled by Auth0.

SENTENCE MINER FOR LANGUAGE LEARNERS
- Repo: https://github.com/kejyang/Sentence-Miner/tree/main
- Tests: https://github.com/kejyang/Sentence-Miner-Tests/tree/main
- A full stack sentence mining website made for language learners to learn words.
- Front end is built by React, with bootstrap for CSS.
- Rest api back end built with Node.js, express and Mongoose.
- Utilizes MongoDB database via MongoDB atlas.
- Automated testing done with selenium-python and Postman.

AUTOMATED END TO END AND API TESTING FOR WEBSITE
- Automated regression tests for https://www.automationexercise.com/
- https://github.com/kejyang/Automation-Exercises-Website-Tests
- End to end tests used Cypress.
- API tests used Postman.
- Code for the end to end tests follow the POM design pattern.
- Checks to make sure functions work correctly and also handle errors properly.
- API tests use Postman to automate API calls.
- Makes calls that are both possible and not possible to ensure that the API is working properly.