

Edmund Chan

Email: edmundchan70@gmail.com

Phone: (647)686-4197

Linkedin: www.linkedin.com/in/Edmundchan70

Git: <https://github.com/edmundchan70>

Portfolio: <https://portfolio-2023-xi-flax.vercel.app/>

PROFESSIONAL EXPERIENCE

Software/Web developer , APIs Tester

Canada , CA

May ,2022 - Aug 2022

Company APIs Testing

- Proposed several approaches for testing the company API , then wrote appropriate test documents for each test .
- Designed and implemented all tests using python, pytest.
- Updated and repaired other old test scripts
- Tests catches >95% error for all the api and sends corresponding messages to SLACK.
- Used Jira and git for version control

Algorithm Testing

- Write proper testing documents for testing an AI algorithm which is used to identify bluetooth signals broadcasted by different devices and/or in different situations.
- Simulates data for >20 possible scenarios that the algorithm might encounter
- Write a test script that generates efficient and useful test data and store them in a PostgreSQL database.
- Manipulate the database to export test data into a readable format(.csv file).

Related Experience

Software Engineer

Algorithms

Artificial Intelligence

IOT(Bluetooth)

Data structure

Agile cycle

Full Stack development

Computer Organization

Generate Tests

Automation

Projects

Easy Amazon Clone (<https://ez-amazon-repo-zuwg.vercel.app>) | React.js ,node.js ,Postgresql , Hosting

- A Full Stack website that allows users to login/logout , buy , add/delete/modify existing products in the database . All features above are designed and implemented in a user-friendly manner.
- The front-End part is mostly built by React.js , supported by a backend server built by node.js , and PostgreSQL is selected as the database .
- Front End part is deployed on Vercel , back end api is deployed on Render.com, while the bit.io is chose as the cloud database

Portfolio (<https://portfolio-2023-xi-flax.vercel.app/>) | React.js , Front-End specific

- The portfolio is implemented by React.js , html and css , mostly focusing on my GUI/UI design skill & senses.
- External Api calls are also implemented(Sending direct message to my email from webpage)
- Portfolio itself is hosted on Vercel.

EDUCATION

Toronto Metropolitan University(Ryerson University)

B.Sc Computer Science -In Progress(6/8 semester)

GPA: 3.62

Dean List (2020-2021)

Dean List (2021-2022)

Toronto , On

Sept 2020-Present

Skills

Language : Java , Python , C , Javascript ,Html ,CSS ,SQL

Technology: PostgreSQL , React.js,Next.js ,Nest.js, Node.js , Firebase , Git ,Slack , Jira