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YUMENG (ESTELLA) WANG
4th year in Computer Science and Business

TECHNICAL SKILLS

- **Programming languages**: Racket, Java, C, C++, Assembly, Typescript, HTML, CSS
- **Libraries & Frameworks:** React, Redux, Express, Spring Boot, Liquibase
- **Tools & Technologies:** Git, Docker, SQL, NoSQL, Postman, Jenkins

WORK EXPERIENCE

Backend Developer Intern, TTT Studio

Client project: Ecosafe (web + mobile app + server)   2019 Mar–Present
- Work on APIs, database creation using Liquibase for client project
- Create test data to validate calls before deployment

Internal CI/CD:
- Create a Dockerfile for Jenkins container configuration and use it on a server machine
- Write declarative pipeline scripts, docker-compose file to set up build pipeline for Java Spring Boot projects

Software Quality Assurance Engineer Intern, TTT Studio   2019 Jan–Mar
- Create test cases, execute manual test and be responsible for whole client project testing
- Communicate testing progress and results with developers, designers and product managers

Software Quality Assurance Engineer Intern, Form Athletica   2018 April–Sept
- Design, implement automated test cases using open source test automation framework (e.g. Appium)
- Work with product, UX/UI, and development teams to collect requirements and update test cases
- Use development tools such as Git and JIRA to efficiently create and assign tickets between groups
- Communicate working progress and new updates in bi-weekly scrum meeting and weekly QA meeting

ACADEMIC PROJECT EXPERIENCE

Daily Planner using React, Redux, Ant Meteor and MongoDB   2019 May–Aug
- A full stack website which generates a plan for user based on user's travel distance, feelings, availability
- Implemented database to store the result of Google lookup to minimize API request for same location
- Worked on refining front-end component using Ant Design

Typescript data query engine   2017 Sept–Nov
- Developed a query engine to answer queries about course offerings and rooms at UBC, and performed aggregation and computations with the results
- Built the backend to reply to queries about a given zip file dataset
- Adapted the project to provision REST endpoints to serve remote clients
- Used a hash table to contain the loaded dataset and checked validity for missing data using parsing
- Performed syntactic and semantic checking on input queries
- Applied agile development process and collaborated in team using sprint review meetings

EDUCATION

Bachelor of Commerce (Business and computer science (BUCS))   Expected Completion: 2020 June
Sauder School of Business, University of British Columbia, Vancouver, BC