**Pai-Han Brigham Chen**

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**WORK EXPERIENCE**

SDET | FamilySearch, Lehi UT 01/2024 – Present

* Implement API testing in Java to enhance software quality and improve accuracy across projects
* Integrate acceptance testing frameworks within a CI/CD pipeline to validate cloud-based applications
* Conduct manual testing to validate that API endpoints meet functional and technical requirements
* Perform integration testing and reading logs in Splunk to identify and troubleshoot potential system errors
* Execute UI testing using WebdriverIO to validate and ensure the functionality of web features
* Develop features in React.js enabling efficient object transfer between AWS S3 buckets
* Write SQL queries for verifying database changes

Software Engineer | FamilySearch, Lehi UT 04/2023 - 09/2023

* Utilized Java to abstract data from the database, mapped data into formats the Business Intelligence team requested, saved data in Amazon S3 buckets, and wrote unit tests
* Executed unit testing to ensure the reliability of application features, identifying potential errors and bugs for improved stability
* Updated versions of Java Spring Boot projects, troubleshot to resolve Maven errors and failed tests, and deployed the projects to ColudBee
* Collaborated with team members by using GitHub and practicing Agile

**Technical Skills**

* Programming Languages: Python, Java, SQL, JavaScript, Kotlin, C#
* Software Knowledge: IntelliJ IDEA, GitHub, Android Studio, Bruno, Cloudberry Explorer

**EDUCATION**

BS in Computer Science | Brigham Young University - Idaho, Rexburg ID