

Bill Li

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EXPERIENCE

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| IBM | January 2021 - Present |
| Backend Software Co-op | San Jose, CA |
| <ul style="list-style-type: none">▪ Improved Db2 developer workflow by redesigning and enhancing internal tools UI with react using Carbon Design components▪ Increased build efficiency by several minutes per run via automated deployment and testing of enterprise software on IBM Fyre machines with Jenkins▪ Automated backend API testing for database accelerator engine through Postman and Jenkins▪ Assisted code base cleaning of 81 repositories with parsing tools | |
| The Coder School | October 2020 - January 2021 |
| Code Coach | Cupertino, CA |
| <ul style="list-style-type: none">▪ Taught programming fundamentals through online curriculums like Codecademy, Khan Academy, etc and prepared students for the AP Computer science curriculum▪ Mentored students to complete projects and applications built with Java and Python. | |

PROJECTS

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| <u>Mancala Game</u> | December 2020 |
| <ul style="list-style-type: none">▪ Two-player mancala board game with a graphical interface and interchangeable themes.▪ Designed with a model view controller pattern, and utilizes strategy pattern for theme selection.▪ Tech: Java, Eclipse | |
| <u>MyCalendar</u> | November 2020 |
| <ul style="list-style-type: none">▪ Local calendar program that stores and modifies events, as well as prints month view and day view.▪ Utilizes Java Swing for a graphical interface, and hashmap structure for events.▪ Tech: Java, Eclipse | |
| <u>Social Media Analyzer</u> | April 2020 |
| <ul style="list-style-type: none">▪ Analyzes Facebook user data sets collected from SNAP.▪ Implements search algorithms to find the shortest path between users on a network.▪ Tech: Java, Eclipse | |

EXTRACURRICULARS

- Competitive Programming Club**
- Train for and participate in collegiate and club-hosted coding competitions, solving Kattis problems.

TECHNICAL SKILLS

- Java, React, Python, C++, Jenkins, Git, SQL, Data Structures, Postman

EDUCATION

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|---|-------------------------------|
| San Jose State University | August 2019 - May 2023 |
| B.S, Computer Science | |
| <ul style="list-style-type: none">▪ GPA: 3.88▪ Relevant Coursework: Data Structures and Algorithms, Object Oriented Design, Database Systems, Intro to Computer Systems, Programming Paradigms (In progress) | |