

Chongmin Bai

Email: jonathanbai0317@outlook.com

LinkedIn: chongminbai

GitHub: github.com/Jonathan0137

EDUCATION

University of Toronto Scarborough

Scarborough, Ontario

Co-op Software Engineering Specialist, GPA: 3.50/4.00, Third Year

Sept 2018–Current

- University of Toronto Entrance Scholarship Award
- 2019 Dean's List
- Expected Graduation Year: 2023

EXPERIENCE

Automation Developer

Toronto, Ontario

Fleet Complete – (Primes) Security DevOps Team

December 2019 - Aug 2020

- Created an automated Web UI test using Cypress, WebdriverIO, Selenium, Cucumber Mocha and Chai.
- Created an automated mobile UI test using Appium, Android Studio, Cucumber and Node JS.
- Integrated CI/CD with Slack and Jenkins. Allowing **Jenkins** job to be triggered by slash commands.
- Improved CI/CD process by creating scripts that build and upload source codes to fortify to find security vulnerabilities. Reduced build and deploy process for developers by 50 percent.
- Created Bash/shell scripts that worked as build triggers for tests.
- Introduced a new testing framework called cypress to our team and created a demo to explain it to the team.
- Experienced basic AWS services such as AWS EC2, S3 bucket, and AWS Lambda.

SKILLS

- HTML/CSS React JS Node JS Selenium
- Cypress Appium AWS CI/CD
- Restful API Git Shell Script OOP
- Cucumber Mocha/Chai Jenkins

LANGUAGES

- JavaScript ● ● ● ● ●
- Python ● ● ● ● ●
- Java ● ● ● ● ●
- C ● ● ● ● ●

PROJECTS

- Sokoban(Pygame):** Sept 2020 - Oct 2020
<https://github.com/Jonathan0137/Sokoban>
 - Created a Sokoban game with basic movement, collision, menu, and sound effects
 - Worked in a two man team, performed daily standups to meet requirements listed in the backlog
- Weather Finder(React):** February 2019
<https://github.com/Jonathan0137/Weather-React-Web>
 - Developed A weather finder app that gives out weather and temperature base on given city name and country using a open source API and hosted it using AWS S3 bucket.
- Linux-terminal(Java):** June 2019 – Aug 2019
<https://github.com/Jonathan0137/Linux-terminal>
 - Developed a Linux Shell like environment with file systems and command lines.
 - Implemented mock objects and Junit to develop unit tests for commands.