

# Zaw L. Than

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Personal Webpage: [zawlurnthan.github.io/profile](https://zawlurnthan.github.io/profile)

## SKILLS

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Languages: Java, Python, SQL, HTML, CSS, JavaScript  
Frameworks: Spring Boot, Flask, JavaFX, Bootstrap, React  
Databases: MySQL, PostgreSQL, SQLite3  
Tools: IntelliJ, PyCharm, NetBeans, Visual Studio Code, Git, Postman  
Certificate: CompTIA Project+, Java Full Stack Development

## PROJECTS

[github.com/zawlurnthan](https://github.com/zawlurnthan)

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### Appointment Management System (JavaFX & MySQL) Nov 2020

- Implemented an application to schedule customers from different time zones across the globe. Have a warning pop up for upcoming appointments after login, show appointments in local time, able to search appointments by title or contact or week or month, have a security feature. And Users can add, update, and delete the appointments.
- Designed in JavaFX GUI with MySQL database.

### Packages Delivery System (Python CLI) Jan 2021

- Implemented a Python CLI application to deliver packages on time and travel the least mileages.
- Built a Graph to keep places and its distance between them. Built a Chaining Hash table to keep all packages information. Loaded packages to the different trucks according to the time available and some other issues. Used Nearest Neighbor Algorithm to get shorter and closer route for next delivery.

### Used Car Price Prediction (Python, Machine Learning, Flask & SQLite3) Nov 2021

- Built a web application to predict the market value of a car by using a Machine Learning Model. Clean data with NumPy, Pandas, use Linear Regression model from Scikit and train model in Google Colab.
- Implemented in Flask framework including Login and Logout functions with SQLite database.

### Guessing Number (Spring Rest API with JDBC Template) Jul 2022

- Users guess numbers to match auto generated number, Project shows result as partial or exact matches.
- Built with Spring Boot Rest API, JDBC Template and MySQL database in IntelliJ IDEA

### Superheroes Sightings (Spring Boot Full Stack with Thymeleaf) Jul 2022

- Designed a full stack web application that allows users to add/edit/delete superheroes sighting, and able to upload photos of the superheroes as well.
- Built with Spring Web, JDBC Template, Thymeleaf and MySQL database in IntelliJ IDEA

## EXPERIENCE

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### Software Engineer Trainee – *Wiley Edge* Jun 2022 – Jul 2022

- Participate in Wiley Edge software development engineer academy classes focusing on Java, Spring Boot, RESTful API, and Full Stack Web app.
- Design, develop and test Spring Boot applications following SDLC practices.
- Write unit tests for Java applications with JUnit to improve test coverage.

## EDUCATION

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*Western Governors University* Dec 2021  
Bachelor of Science in Computer Science - GPA: 3.24