Thy (Tee) Le

+1 (414) 813 – 1780 | teele.work@gmail.com | linkedin.com/in/thy-tee-le | teegitit.github.io

EDUCATION

Milwaukee School of Engineering University   *2019 - 2023*
Milwaukee, Wisconsin

- B.S in Software Engineering with minor in Mathematics
- GPA: 3.6/4.0

EXPERIENCE

Software Engineering I   *06/2023 - Present*
Johnson Controls, Inc., Glendale, Wisconsin

- Implement C/C++ code with BACnet protocol to establish devices' connection.
- Develop and containerize applications using Docker and Linux operating systems.
- Practice Scrum engineering process and using JIRA, Confluence.

Engineering Excellence Intern - Smart Edge Platform   *06/2021 - 05/2023*
Johnson Controls, Inc., Glendale, Wisconsin

- Develop Flutter/Dart code for GUI of cross-platform devices, including Android and Linux.
- Develop C/C++ code for the back-end portion.
- Maintain FFI layer (Foreign Function Interface) between GUI and Firmware portions.
- Implement, modify Python and Azure Pipelines build scripts to build code, CI/CD.
- Practice Scrum engineering process using JIRA, Azure DevOps.

Project Lead The Way (PLTW) Volunteer - Introduction to Computer Science   *09/2022 - 05/2023*
St. Joan Antida High School, Milwaukee, Wisconsin

- Assisted the teacher to introduce Computer Science and programming to high school students.
- Implemented and helped high school students with small Python programs.

SKILLS

Technical skills	Java/JavaFX	Data Structures & Algorithms	Azure DevOps
	Python	Design Patterns	Git
	HTML/JavaScript/CSS	Docker	Scrum
	C/C++	Linux	Software Verification
	Flutter/Dart	mySQL	JIRA
Languages	Fluently in English and Vietnamese		

PROJECTS

TeeRec - Movie Recommendation App   *10/2022 - Present*
Personal project

- Implemented a cross platform application using Flutter/Dart to show movies' information and recommend them to the users.
- Used The Movie Database (TMDB) API to retrieve information about the movie, or actor.
- Working on implementing the recommendation algorithm using graph-based.

Modem Activated Warning System   *09/2022 - Present*
Senior Design team project

- Develop a real time system application with sensors and solar power to warn drivers of road conditions, help with the traffic using C/C++, Rust, Vue JS.
- Implement a protocol to allow the micro controllers to communicate wirelessly.
- Practice Disciplined Agile Delivery (DAD) and Scrum processes, Git.

Semester Transition Advising Tool   *11/2021 - 05/2022*
Team project

- Developed a web-based application to support professors to track and plan courses for students at MSOE.
- Practiced HTML, JavaScript, CSS, NodeJs, Git and Scrum process.
- Widely in use by professors on campus to provide a track for the semester system at the present.
- The project, the product owner and developers were mentioned in MSOE Magazine Fall 2022.

GTFS Application   *09/2020 - 11/2020*
Team project

- Implemented data structures to load, store and update the data from the GTFS files using Java.
- Designed the UI using Screen Builder and JavaFX.
- Implemented Observer Design Pattern to update the change in the UI and data structure.
- Applied MapQuest API to plot the map with all the stops and routes of the data.

English - Vietnamese Basic Dictionary   *06/2020*
Personal Project

- Implemented Set and Map data structures to store words and definitions using Java.
- Designed UI with Screen Builder and JavaFX
- Implemented GUI to search words and interact with the application.

AWARDS

Dean's list student - Milwaukee School of Engineering	*2020 - 2023*
President's Education Award - U.S Department of Education	*2019*
Bausch and Lomb Honorary Science Award - University of Rochester	*2019*