

Dung Phu

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<https://donefu-portfolio.netlify.app> | <https://www.linkedin.com/in/donefu>

EDUCATION

- **Western Governors University** *December 2023 - December 2024*
Bachelor of Science - Computer Science
- **Georgia Tech** *Expected starting September 2025*
Masters in Electrical and Computer Engineering

SKILLS

Programming Languages: Java, C, Python, HTML, CSS, Javascript, MySQL, Spring Bootstrap Framework

Software: Oracle, Eclipse, Visual Studio Code, Microsoft Office Suite, Git

Coursework: Network and Security, Scripting and Programming, Data Management, Web Development, Version Control, Computer Architecture, Back-end Programming

PROJECTS (<https://github.com/donefu>)

Karin Virtual Classroom Website *September 2021 – May 2022*

Software Engineer Lead

- Led a team of five in developing a beginner-level coding skills web server application for student education.
- Developed using AWS Lambda and AWS ECS to serve as the coding platform, which supports ten professional instructors in the Computer Science department.
- Developed application in React and optimized database operations by incorporating Spring Data JPA for efficient data persistence and retrieval.
- Held weekly meetings to assign tasks to each member using Jira and solved technical issues and risks that may impede the project following Agile practices.
- Optimized Docker Build and Docker Image to reduce the code execution runtime by a factor of 30.

E-Commerce Website *January 2024 – March 2024*

Individual project

- Designed and implemented a comprehensive Inventory Management System using Java and Spring Boot, providing a user-friendly interface for tracking and managing parts, products, and suppliers.
- Enhanced overall system performance by integrating Spring MVC to handle HTTP requests and responses efficiently.
- Optimized database operations by incorporating Spring Data JPA for efficient data persistence and retrieval.
- Implemented unit tests using JUnit to validate core functionalities, ensuring robust and error-free code execution.

Weather App *November 2023 – December 2023*

Individual project

- Developed a responsive weather application using HTML, CSS, and JavaScript, providing users with real-time weather information based on city input.
- Integrated OpenWeatherMap API to fetch weather data, displaying temperature, humidity, wind speed, and dynamic weather icons for improved user experience.

Movie Watchlist *August 2023 – September 2023*

Individual project

- Utilized Javascript, HTML, and CSS to create an HTML-structured navigation menu, utilizing an external API that fetches movie titles and graphics.
- Enables users to manage their personal watchlist, including adding/removing movies, tracking completed titles, and planning to watch list.

EXPERIENCE

O My Hotpot *Annandale, VA*

Manager/ IT Supervisor *January 2021 - July 2023*

- Managed employee accounts, enforcing security protocols and ensuring compliance.
- Manage and perform periodical audits on the POS and CRM systems.
- Proposed efficiency enhancements for time and attendance systems.