EGEMEN GUNEY

Burnaby, BC • 778-998-2507 • ega32@sfu.ca • linkedin.com/in/egemen-guney

SKILLS

Languages
- Java
- C
- C++
- Python

Tools/Frameworks
- Git
- Docker
- Spring Boot
- Hugo
- React

IDEs/Softwares/OSs
- Visual Studio Code
- Microsoft Office
- macOS
- Windows 10/11
- Ubuntu

Soft Skills
- Project Management
- Leadership
- Teamwork
- Communication
- Documentation

TECHNICAL PROJECTS

Project Manager, Web Application Design (SFU Toolbox) September 2024 – December 2024
CMPT 276 – Simon Fraser University, Burnaby
- Led a team of five to design and build a modern web application using Hugo and React, streamlining campus tools with improved UI/UX and expanded functionality.
- Planned project milestones, delegated tasks based on individual strengths and facilitated Agile-style weekly sprints to maintain progress across team.
- Oversaw the implementation of CI/CD pipelines to enable smooth integration and deployment cycles, ensuring consistent code and product quality.
- Delivered a fully functional platform featuring course lookup, library hours, latest books, weather updates, and room finder, earning a grade of 90% and strong user feedback from peers and instructors.

Backend Developer, Course Tracker in Java September 2024 – December 2024
CMPT 213 – Simon Fraser University, Burnaby
- Collaborated in a team of two to develop a course information tracker using Java and Spring Boot, processing SFU's 2018 course offerings from CSV files with a well-structured, object-oriented backend, earning a grade of 95%.
- Built a watcher system enabling users to subscribe to specific course offerings and receive automatic updates on offering changes.
- Implemented backend logic to parse and validate CSV course data, handling edge cases such as missing fields and inconsistent formatting to ensure reliable data ingestion.

LEGO Robot Build September 2022 – December 2022
MSE 110 – Simon Fraser University, Burnaby
- Collaborated in a team of three to fully design and build an autonomous LEGO robot that got selected for a showcase due to its creative engineering and advanced functionality.
- Programmed the robot in Python to interpret colored lines and execute context-specific actions like obstacle removal or directional changes using a synchronized system of sensors and motors.
- Engineered and iteratively refined the robot's software, structure and movable arm to perform complex mechanical tasks with high precision and responsiveness.

EDUCATION

BSc. Computer Science – Software Systems September 2022 – Present
Simon Fraser University, Burnaby