

# Sally Kreik

Beirut, Lebanon •sallykreik@gmail.com ·  
+961 03821542

## Education

---

**Lebanese University, 2019-2023:** B.S in Computer Science

**Lebanese University, 2022-Present:** Data Science

**42 Beirut, 2024-Present:** Student, pursuing advanced projects and coding challenges.

---

## Experience

- **Private teaching:** Conducted private sessions to instruct university students in fundamental programming concepts. (2022-Present).
- **Web Development Project (Freelance):**
  - o Spearheaded the development of website front ends, crafting user interfaces with HTML, CSS, and JavaScript.
  - o Focused on responsive design and cross-browser compatibility to ensure a seamless user experience.
  - o Implemented interactive features and dynamic content to enhance website functionality and user engagement.

## Projects

---

- **Web Scraping and Data Presentation — Python, Spring 2024**
  - o Scraped, cleaned, and organized data from a website using Python.
  - o Exported data to Excel and stored it in an SQL database.
  - o Developed a Flask website for data presentation and interaction.
- **Telegram Word Scramble Bot — Python, Summer 2024**
  - o Developed a Python-based bot for a word scramble game.
  - o Integrated with Telegram's API for real-time gameplay and score tracking.
  - o Ensured all possible word combinations were included from the randomly selected letters.
- **Push Swap Sorting Algorithm — C, Summer 2024**
  - o Developed an optimized program to sort integers with minimal operations.
  - o Implemented comprehensive input validation and memory management.
  - o Ensured efficient error handling throughout the program.
- **So Long 2D Game — C, Summer 2024**
  - o Developed a 2D game with the MinilibX library, featuring player movement and item collection.
  - o Created a custom map parser, handling step counting and win conditions.

## Skills

---

### Technical Skills:

- **Web Development:** Proficient in HTML, CSS, JavaScript, PHP, and Python for creating responsive and user-friendly websites.
- **C Language & Data Structures:** Competent in C language, with a strong grasp of data structures and algorithms for efficient problem-solving.
- **Python:** Experienced in using Python for various applications including web development, data analysis and web scraping.
- **Java Programming:** Strong understanding of Java, adept in implementing object-oriented programming concepts and various design patterns.

- **Parallel Programming:** Familiarity with concepts of parallel computing and experience in writing multithreaded code for performance optimization.
- **Mobile Application Development:** Knowledge in Android app development using Java, including UI design and handling various device compatibilities.
- **Database Management:** Proficient in database design, management, and optimization with SQL databases.

**Languages:**

- **Arabic:** Native proficiency
- **English:** Professional working proficiency
- **Spanish:** Basic Level

**Soft Skills:**

- Excellent Communication skills
- Problem solving and analytical thinking
- Adaptability
- Teamwork
- Patience