# Jason Karim

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## EDUCATION

- **Holy Spirit University of Kaslik (USEK)** — Jounieh, Lebanon
  *BS in Computer Engineering CCE; GPA: 3.5/4.0* — *Sept 2018 - May 2023*

## EXPERIENCE

- **YJT Architects** — Aintoura, Lebanon
  *Freelance IT Services* — *2019 - Present*
  - **Analysis and Diagnostics**:
    * Performed system revisions, diagnosing failing hardware and identifying potential failure points.
    * Reduced file access and project render times by implementing hardware upgrades, improving workflow and output.
    * Advised on technology and security best practices, such as proper backups, use of password managers, etc.
  - **Communication and Planning**:
    * Understanding client's business needs, and Implementing equipment accordingly.
    * Picked hardware based on online benchmarks, while balancing the client's budget and performance needs.
    * Negotiating with vendors and planning a timeline for completion of projects.
  - **Setup and Configuration**:
    * Built client workstations and configured OS/software in light of client's needs.
    * Installed tools and software ensuring protection against security breaches and data loss.

- **GCS Computers Pro** — Sarba, Lebanon
  *IT assistant* — *Jun 2019 - Oct 2019*
  - **Tasks/Contributions**:
    * System setup, testing, troubleshooting, reporting and forwarding hardware failures to specialized divisions.
    * Communicated troubleshooting status and reports to clients, providing IT consultancy on best upgrades and solutions regarding their systems.
    * Suggested better practices, advanced diagnostic tools, and workshop upgrades that would improve efficiency.

## PROJECTS

- **P2P RMI Messaging Application**: Nov 2021
  Peer to peer messaging clients, implemented using Java RMI for University Distributed Systems course - GIN527.

- **Encrypted File Manager Application**: Nov 2020
  Java based command line application that manages files, with authentication based on hashed user login credentials over an ecnrypted connection using SSL for University Computer Security course - GIN525.

- **Full-stack Website development**: Sept - Nov 2021
  Written a website in HTML5, JavaScript, PHP, Ajax, and XML for University Web Programming course - GIN 446.

- **Front-end of Logistics website**: Nov 2021 - present
  React front-end of a youth group logistics website, fascilitating stock access and management.

- **Discord Bot**: June 2020
  Developed a Discord bot, to perform group assignment, group chat migrations, audio playback, etc.
  Intended for use in youth group online meetings, facilitating group management, and improving efficiency.

## PROGRAMMING SKILLS

- **Languages**: Java, HTML, JavaScript, PHP, TSQL

- **Technologies**: RMI, React, Git, Matlab, MS SQL, MySQL

## LANGUAGES

- **Arabic**: Native          **English**: Native          **French**: Limited