**Elias Renawi**

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Software Engineer with a strong foundation in C/C++, computer architecture, and Python , Proven experience in developing and maintaining web applications using front-end technologies like React.js and Next.js, with a strong desire to learn new technologies and gain valuable experience. Seeking a junior software engineering.

**Work Experience**

April 2023 - Present: **Front-End Developer**, Galil Software, Nazareth, IL

* Front-End Developer specializing in **React**, **Typescript**, and **Next.js**
* Developed and maintained web applications, ensuring high performance and responsiveness.
* Collaborated with back-end developers and UX/UI designers to improve the user experience.
* Acquired proficiency in **Python** **Flask framework**.

2021 -2022: **Tutor**, ORT Braude College

* Tutor to a first-year student in math courses.

**Education**

2017 – 2022: ***B.Sc., Software Engineering Graduate*** **GPA 83,** *ORT Braude College of Engineering*

**Grades** Data Structures **83,** Computer Networks **98,** OOP (java) **96,** Architecture and Computer Structure **88**,

Data Security and Cryptology **85**

**Projects**

* developed a project where I read **DICOM data**, present it in a **WPF** (Windows Presentation Foundation) application, and then save the processed data as JSON files. Using **DCMTK.**
* Final project: ***Similar Text Search Technology*** - Part of research about the Similarity between 2 Large texts and using the text rank algorithm to extract the most significant sentences in a text and text processing.Implemented using **C#** **.NET** framework.
* ***Braude system for employees and students*** -Client -Server, **JavaFx**, **JDBC**, **MySQL**, **OCSF).**
* developed a fully functional **chess Game** in **C++** with **SDL2**
* ***Secure Email Exchange***- Using Serpent and OFB model, El Gamal signature, implemented in **python**)
* Created multiple online **Restaurant Menus** that are currently in use by local businesses using **Next.js**

**Training**

* **Course of 225 hours for Full stack Engineers** include the following topics:**Html**/**css**/**js** ,**MongoDB**,**Express**(.js), **React**(.js) ,**Node**(.js)
* **Kav Mashve**: Association’s business club program  
  The program included get familiarity with various high-tech organizations and preparation for Job Interviews

**Skills**

* JAVA, C, C++, Python Flask, MATLAB, C#, .NET, DCMTK
* PyCharm, PostgreSQL, MySQL, TypeScript, Node.JS, Next.JS
* Teamwork, Team Building, Advanced problem-solving skills, Project Organization skills

**Languages**

**Arabic** – mother tongue| **English** – fluent | **Hebrew** – fluent