

Simon Fraiberg

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ABOUT ME

Computer Science graduate with a **strong foundation in full stack development**. Eager to apply **academic knowledge and project experience** in a full-time position. Enthusiastic about **learning new technologies**, adapting to challenges, and contributing to team success.

EDUCATION

Bar Ilan University

BSc Computer Science — **GPA: 84**

Oct. 2020 – Oct. 2024

PROJECTS

Meeting Location App

- Developed a **React** app using **TypeScript** to find optimal meeting locations for groups, based on user preferences
- Utilized a Centroid algorithm for accurate location calculations.
- Integrated **Google Maps API** for user-friendly and precise mapping.
- Implemented a secure backend with **Node.js** using **Express**, with a **MVC architecture**.
- Used **MongoDB** as Database with **Mongoose**.
- Enhanced security with **bcrypt** and **2FA** using Google Authentication.

Chatting App

- Built an **Android app** using **Java** and **Android SDK** and a **React** web app
- Secured user communication with **JWT**-based authentication.
- Designed a scalable backend with **Node.js** and **MongoDB**.
- Optimized deployment with **Docker** using `docker-compose`.

Arkanoid Game

- Developed using **Java**, following **Object-Oriented Programming** principles.
- Implemented core features like collision detection, and multiple levels.
- Designed reusable and modular classes to enhance scalability and maintainability.

EXPERIENCE

Network Administrator

IDF

Dec. 2017 – Aug. 2020

- Managed **secure and reliable network infrastructure**.
- Provided **technical support** and ensured network security.

Help Desk

Discount Bank

Sep. 2020 – Sep. 2021

- Resolved **technical issues** with banking applications and platforms.
- Assisted customers using **remote desktop tools** and troubleshooting methods.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, SQL, C/C++, Assembly, HTML/CSS

Frameworks: React, Node.js, Express, Android SDK

Databases: MongoDB, PostgreSQL

Computer Science: Data Structures, Algorithms, OOP, Design Patterns, Web Development, Operating Systems, Web services, JSON

Tools: Docker, Git, VS Code

UI/UX: TailwindCSS, Material-UI, Bootstrap