

Yarden Zamir

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🧰 PROFESSIONAL EXPERIENCE

Qlik, Software Engineer

May 2022 – present | Kfar Sava

IThinkDifferent, Co Teacher

Jul 2014 – Aug 2014

- Taught **app development** with **LiveCode** online as a part of an **Intel program** designed for kids of employees
- Developed graphical models for learning

Open source / Project Gear, Project Lead

2018

- Coordinated work between scores of people working all around the world
- Created workflows to improve efficiency
 - Wrote a **Discord bot** to manage **issues on Github** extremely fast
 - Wrote **automated builds**
 - Designed a processing diagram for the core gameplay loop

📁 PROJECTS

Create.run, an opinionated, minimalistic Minecraft experience centered around complex and interesting automation

- Built modularly with a custom made **JavaScript DSL** ✍ written to facilitate fast iteration and readability
- Wrote **continues integration** workflows with **GitHub Actions** to build and publish the project on the store

Modular Discord Bot, extendable Discord bot written with Java and ported to Kotlin

Action Console, A start menu alternative for when Windows 10 came out ✍

- A modular card-based interface for interacting with ones computer
- Slick animations using a **library I wrote for Swing**
- All possible cards are packed in separate jars that can be easily hot-swapped, expanded and loaded to extend functionality

Card dungeon game ✍

- Endless dungeons with connecting tiles and random encounters
- Dynamic resource loading for all content in the game - Monsters, weapons, skills, tiles, etc. - Are all loaded from disc dynamically ✍ for easy modding

🧠 SKILLS

Kotlin (Jetpack Compose, Compose Multiplatform, Desktop Compose, Coroutines, Ktor, Networking, Kord)

Java (Swing, Reflection, Spring, JDA, Github API, JavaFX)

Continuous Deployment / Continuous Integration
(With Github Actions, kts, Python)

Javascript

TypeScript

CSS

LiveCode

Agile Methodologies

Hardware (PC Building, Robotics, Cable Management)

Google Material Design

HTML

Go (Google Calendar API, Google Docs API, Google Sheets API)

Python

Git (Github, GitLab, Gittea)

OOP / Functional paradigms

3D modeling CAD (Solidworks)

C#

🎓 EDUCATION

Technology, Gvanim Regional School

- Modeling 3D CAD with **SolidWorks**
- Basic electrical engineering and robotics
- Microcontrollers (VEX ARM, Arduino)
- Engineered and programmed for **Roboner** regional competition, winning 4th place
- Helped tutor and guide students on their technology projects after graduating

Computer Science, Gvanim Regional School

- Worked on a graphical library for teaching programming though visualization and interactivity
- Participated in a school programming competition and won 1st place with my team