

AVIV ELKAYAM

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Website: <http://avivelka.com/>

EDUCATION

2017 - present

B.Sc., Computer Science
Ben Gurion University of The Negev
Expected graduation: 2020

2014 – 2018

Highschool Diploma
Majors: Math (5 points), Physics and Robotics (5 points)
High School
Makif Tet, Ashdod

SELF EXPERIENCE

Network

- Knowledge of HTTP protocol – communicating between client and server
- Knowledge of Rest API concepts

Back-end

- Experience with developing Rest API with Node.js (express) and MongoDB (mongoose)
- Experience with storing data in relational database for android app using SQLite

Front-end

- Experience with building website UI using HTML, CSS, JavaScript
- Experience with building Android apps UI using XML and Java

Version Control System

- Basic knowledge of Git

PRACTICAL KNOWLEDGE

Multi-threading

- Good understanding of Thread Safety: Locks, Atomic operations
- Built Micro-Service Framework (Java)

Memory Management

- Detected memory errors using **Valgrind**
- Built restaurant management system (C++)

Network

- Good understanding of Socket Programming, TCP/IP, UDP
- Built a Server-Client social network (Server: Java, Client: C++)

PROGRAMMING LANGUAGES

JavaScript (Familiar with Typescript), Java, C++, C.

EXPERIENCE

2015 – 2017

Salesperson at "Leechee, Gifts with pictures"

OTHER

Participated in "Safe Cracking" International Physics Tournament at **Weizmann Institute**.

LANGUAGES

Hebrew - Native
English - Fluent (speaking, reading, writing)