

# { EUGENE : LERMAN }

## SOFTWARE DEVELOPER

☎ (+972) 52 3535 231 | ✉ lerman.gene@gmail.com | 🏠 eugenelerman.net | 🐞 airbugg | 📺 lerman-gene

A curious individual and a voracious reader with a somewhat philosophical approach to life.

Ever-watchful of emergent technologies and perpetually keen on hacking away at something new and exciting.

Looking for a challenging software developer position where I can usefully apply myself and my skills to solve interesting problems, affect meaningful, positive change and learn something new in the process.

## { EXPERIENCE }

### SOFTWARE DEVELOPER

Beersheba/Tel Aviv, Israel

Wix.com

February 2017 - November 2019

- My first project involved refactoring the Wix Contacts app. My focus was mainly on front-end components and architecture. Technology wise, we were moving away from angular 1.x to a `React/Mobx` combo on the front-end, with a `node.js/scala` back-end solution.
- Technical lead in Wix Forms, tasked with creating the first app to run completely on Editor's new platform. I focused primarily on designing the underlying messaging architecture, which involved delving deep into `Web Worker` mechanics and implementing event-based communication protocols between disparate app components.
- I contributed code to Wix Editor, where my largest contribution was extracting, redesigning and externalising the monolithic user authentication mechanism underlying all editor-based sites. It was one of the more challenging projects I have worked on. Consequently, it is also one of my proudest accomplishments.
- My last position was technical team lead in Wix Bookings. I've introduced a new technology (`React Hooks`) into the teams' legacy codebase. This also set the stage and tooling for future refactoring projects across Bookings.

Languages `JavaScript`, `TypeScript`

Technologies `React`, `Redux/Mobx`, `Node.js`, `TeamCity/TravisCI`, `Git(Hub)`

### SOFTWARE DEVELOPER

Beersheba, Israel

ESTI YEGER-LOTEM LAB, NATIONAL INSTITUTE OF BIOTECHNOLOGY IN THE NEGEV

February 2014 - February 2017

- Developing interactive single-page web applications for visualizing complex protein-interaction networks.
- Developing light, RESTful API interfaces in Python (utilizing `flask`, and `Celery` for async computation tasks).
- Created a utility library for manipulating large graph data-structures using a functional approach.
- Refactoring several legacy JavaScript apps, leveraging current frameworks (Backbone) to simplify codebase.
- Introducing new JavaScript visualization libraries and creating reusable scaffolding for graph components.
- Administering server infrastructure and backup.

Languages `JavaScript`, `Python`

Technologies `Backbone/React`, `D3.js`, `Cytoscape.js`, `Flask`, `MySQL`, `Apache`

### SYSTEMS ADMINISTRATOR

Ashdod, Israel

SOLBAR INDUSTRIES

July 2010 - October 2013

- IT administrator of 4 international branches.

### NETWORK ADMINISTRATOR

Tel HaShomer, Israel

ISRAEL DEFENSE FORCES

December 2007 - July 2010

## { EDUCATION }

### BEN GURION UNIVERSITY OF THE NEGEV

Beersheba, Israel

BSC IN COMPUTER SCIENCE & BIOINFORMATICS

2013 - 2017

## { PUBLICATIONS }

### TissueNet2: A quantitative view of proteins and their interactions across human tissues

Nucleic Acids Research

BASHA O, BARSHIR R, SHARON M, LERMAN E, KIRSON B, HEKSELMAN I AND YEGER-LOTEM

2016

## { SKILLS }

Technologies experimenting [ `Home Automation`, `docker` and `LaTeX` ], comfortably productive in [ `macOS`, `Linux` or `Windows` ]

Languages Fluent in [ `English` and `Hebrew` ], conversant in [ `Russian` ]

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