

# YAARA COHEN

Tel Aviv • 054-4852328 • yaara4@gmail.com • Gallup Strengths: Ideation, Intellection, Learner, Harmony, Focus.

## ABOUT ME

I have good research skills as well as ability to perform and implement ideas with high standards. Hope to find a development position in a place with good atmosphere and pace with challenges adequate to my skills.

## EXPERIENCE

### 2021 **Backend developer, *BigPanda***

Scala, Typescript | Akka, Node.js, Jest, Rabbitmq, Kafka, MongoDB | Graphana, Kibana, Kubernetes, helm.sh, ArgoCD, AWS, linux, nginx

Converted a Scala service to k8s by implementing health-checks. Implemented microservice for user-management using latest OpenAPI spec, Node.js, and Typescript. Conducted research to support ha queues and resolve connectivity issues with RabbitMQ cluster.

### 2019 – 2020 **Full-stack developer, *Allen Institute***

Typescript, Python, Scala | mobx, React, Jest, Flask, Lucene, Pytorch | NLP | Docker, GCP, linux

Implemented a syntactic search engine from scratch including its infrastructure and design. Incorporated BERT models to the product using PyTorch. Took part in the NLP research-team scholar reading group.

### 2014 – 2019 **Tech-Lead & Frontend developer, *Wix***

js | jasmine, React, Jest, Node.js require.js | webpack, lerna | osx

Implemented a messaging infrastructure & various React components as part of the TPA SDK team in Wix Editor. Conducted several POCs, one of which evolved to be WixCode. Core contributor to WixCode Viewer and SDK from its early stages including its design. Made performance optimizations and mentored team members.

### 2013 – 2014 **Backend developer, *Web-pick Internet Holdings***

Java, js, php python | vertx, Node.js, chrome-extensions, amazon-redshift, mongodb | amazon-ec2 | windows, linux

Designed and developed high-volume, low-latency server using Vert.x, delivering high-availability and performance. Developed chrome extensions and other web oriented products and automations using Node.js, protractor and phantomjs.

### 2012 – 2013 **Software Engineer, *Sandisk***

Java, python, C++ | jboss, jsf, weld(CDI), mariadb, javafx, lucene, boost | eclipse amazon-ec2 | windows, linux

Was a member of a small team that have built a prototype end-to-end DRM solution for secure copyright-protected video sharing between devices presented in CES. Wrote parts of the prototype in Java, was in charge of C++ integrations and wrote tests in python. Also conducted research regarding MySQL clusters and server configurations (load balancer etc).

### 2011 – 2012 **Mobile Web Developer, *harmon.ie R&D***

js, C#, objective-c, html5, css3 | sencha-touch, phonegap | webstorm, xcode, svn, jasmine | tdd, scrum | windows, mac

Developed parts of a hybrid mobile web application for iOS that enables SharePoint access from tablets and iphones. Wrote an HTML5 based framework for retrieval of SharePoint records using web-workers, and a client side DNS lookup service in objective-c.

### 2009 – 2011 **Backend Developer, *Ex Libris* (Award of excellence)**

java, PL/SQL, perl | jboss, hibernate, ejb-3, struts, oracle11g, jax-ws, quartz, awk | eclipse, cvs, jenkins, selenium, maven, ant | linux

Designed and developed new features and change requests of a digital content management server. Designed and implemented an extendable plug-in framework. Made performance enhancements to a main module of the system in charge of task management. Took part in build automation and creating a CI process, integrated tools for static code analysis, and mentored new team members.

## EDUCATION

### 2018 **Yandex: Y-data Machine Learning program**

Hebrew University of Jerusalem  
2006 - 2009 **Bs.c. in Computer Science and Computational Biology** (Honor Program scholarship)

2004 *Graduated with honors* **Hebrew University High school** (Computer science, Math, Biology, Chemistry, Arabic)

## MILITARY SERVICE

2004 – 2006 **Unit 8200 - The Intelligence Corps, IDF**

English – Fluent, Hebrew – Native

\*Letters of recommendation upon request