



## SUMMARY

A curious individual with a multidisciplinary background, passionate about building creative, elegant and optimal solutions collaboratively. With 4 years of software development experience, primarily in Python, and additional expertise in Rust and TypeScript. I enjoy simplifying complex problems and avoiding one-dimensional thinking. A big visualization enthusiast with an interest in healthcare tech, bioinformatics, creative coding, independent music production, and visual arts.

[Check out some of my creative coding projects here.](#)

## EDUCATION

### Bezalel Academy of Arts and Design

Enrolled for M.Des in Technology & Design  
2024-2026

### The Hebrew University of Jerusalem

B.SC in Physics & Biology  
2014 - 2018

## TECH STACK

- Python
- Typescript
- Rust
- Docker
- AWS
- Postgresql
- Git
- Airflow
- Tableau
- Matlab
- SolidWorks
- Cubase & Ableton (music production)

## COURSES

### Data Science Course

Experis

### Data Analysis Course

Elevation Academy

## PROFESSIONAL EXPERIENCE

### Software Developer

Joshu | 2021 - Present

I joined Joshu in its second year of operation as the third developer, contributing to the development of the company's SaaS platform from its very beginning. My responsibilities included conceptualizing and implementing new features, pages, and designs in collaboration with the founder. Initially, we worked on a monolithic Python web application using Flask, later transitioning the entire system to a contemporary architecture leveraging Rust and React. This transformation resulted in a modularized system comprised of multiple services.

### Data Developer

Israeli Security Agency | 2018 - 2021

- Building automated ETL testing systems that inspect the healthiness of a data pipeline that consists of different components.
- Raising containers to pull, manipulate, and insert the data for visualization purposes.
- Our team mission was to foresee different technological scenarios and build adequate and long-term strategies for our Cyber department in-house products, and help the management make better data-driven choices.

### Research Assistant

ELSC, Center for Brain Sciences of HUJI | 2015 - 2016

- Constructing images with MATLAB to vision-related experiments (adding noise, high and low pass filters, etc) alongside composing and planning experiments.

### Mechanical Designer

IDF, Intelligence Technological Unit (81) | 2010 - 2013

- Designing 3D models and sketches with SolidWorks and leading the production and assembly of the unit's products.