

# Ziv Haham

Python Developer | 3D Synthetic data Producer

### Phone

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### Github

github.com/zivhm

## Education

### DevOps Engineer - INT Collage

2024-03 - On-going

### Python Developer - INT Collage

2022-04 - 2022-08

Graduated with a certificate by the external education branch of the Open University.

### 3D Modeling And Animation - IAC

2016-06 - 2018-08

Experienced in Maya, ZBrush, V-ray, Marvelous Designer, Substance Painter.

Graduated with a certificate by IAC.

### 3D Sculpting - IAC

2014-03 - 2014.06

Experienced in ZBrush

## Skills

### Python Development

Experience with APIs, Flask, LLM Frameworks, pandas, SQL, Linux / Bash.

### 3D Modeling, Texturing, Rendering

Blender, Maya, Zbrush, Substance Painter, Unity.

## Languages

Hebrew - Mother tongue

English - As mother tongue

## Experience

### 2021-2023: Hexa

#### 3D Synthetic Data Content Producer - Algorithms Team

2022-04 - 2023-05

- Designed and built an automated pipeline for 3D model normalization using python and blender.
- Generated annotated datasets ready for machine learning processes.
- Took part in building an image tagging app in python to detect duplicate objects in our database.
- Re-designed our quality assurance process. from the UI of the platform to staff orders.

#### Data Annotation Lead - Algorithms Team

2022-01 - 2023-05

- Developed ranking and annotation methods for different types of 3D assets.
- Created multiple in-depth guides and protocols for better tagging accuracy and staff self-guidance.
- Oversaw a team of annotators while successfully processing over 50k assets across all consumer retail products with minimal difference between members.

#### Quality Supervisor Tech Lead

2021-03 - 2022-01

- Designed and implemented a standardized quality assurance protocol.
- Assisted a team of <10 3D QA team members.
- Improved existing processes to minimize delivery times.

### 2019-2019: Hexa

#### Project And Content Manager

2019-03 - 2019-09

- Out-sourcing and managing 3D artists.
- Managing a team of QA employees.

### Personal Python Projects

- Live music concert finder.
  - Using Streamlit, the Spotify api, and "Ticket-Master"s api.
  - The user approve the app to access his Spotify data and gets back a list of future live events.
- Warranty manager application.
  - Using Flask, SQLite and Google api.
  - The app will track warranty dates of added products and create a calendar event to notify the user before the warranty's expiry.
- Book summarization app.
  - Using Streamlit and Langchain.
  - The app will take in a PDF or a text document, break it to chunks, vectorize it's content and output a summarized version of the content.
- Personal AI assistant.
  - Using Langchain, and other apis (google, Spotify, etc).
  - The assistant can read and send emails, check for information online, get the weather, create Spotify playlists and show different listening history information.
- Took part in building a multi social media platform scraping framework.