
Ahmed Katary

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EDUCATION

Massachusetts Institute of Technology

Cambridge, MA

September 2019 - June 2023

- GPA: 4.0 / 5.0
- Degree: Bachelor of Science in Computer Science and Engineering

WORK

Infosys

New York, NY

June 2022 - August 2022

Quantum ML Intern

- Designed and implemented a GAN for security surveillance feed super resolution
- Converted a classical GAN model into a quantum GAN
- Created a simple UI for demoing the model

HCIE Lab

Cambridge, MA

January 2022 - Present

Undergraduate ML Researcher

- Helped investigate the effects of hyper parameters on fabrication of style transferred 3D models
- Automated multiple style transfer for 3D models based on the work of Text2Mesh paper
- Created a UI for one of the researchers in the lab

PROJECTS

Stardust Inc

<https://www.playstardust.net>

June 2022 - Present

Chief Operation Officer and Lead Developer

- Setting up store and transaction handling for purchases on the server
- Designing and implementing a Minecraft server
- Developing a UI for the server

Ployem

<https://www.ployem.com>

January 2022 - Present

Founder and Lead Developer

- Developed an open source, ad-free, and well documented UI for collection of online interpreters
- Developed an open source, ad-free, and well documented UI for building neural networks
- Developed an open source and ad-free online games

SKILLS

Languages

- English *Fluent*
- Arabic *Native*

Computer Languages

- Python *3 years*
- Javascript *3 years*
- HTML *3 years*
- CSS *3 years*
- Typescript *2 years*
- Java *1 year*
- Shell *1 year*

Computer Frameworks

- ReactJs *3 years*
- Django *3 years*
- Pytorch *2 years*
- OpenCV *1 year*
- Tensorflow *1 year*
- NLTK *1 year*
- **Various other ML frameworks**