Shixxxx xxxx

# AI/ML Engineer | Data Scientist

Versatile engineer with 1.5+ years of experience in Machine Learning, Deep Learning, and Software Development. Expertise in developing data extraction tools for unstructured and structured documents. Eager to leverage skills in data analysis, visualization, and statistical modeling to contribute as a Data Scientist.

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## Skills

* Programming: Python, SQL
* Machine Learning: Supervised & Unsupervised Learning, NLP, OCR, NER
* Deep Learning: GANs, Transfer Learning, Model Architectures (STYLEGAN2, GAN2Shape)
* Data Handling: Data Cleaning, Data Visualization
* Tools & Frameworks: FastAPI, Flask, Dash, Camelot Model, Detectron Model
* Databases: SQL, Oracle
* Operating Systems: Linux
* Cloud: Microsoft Azure (Fundamentals)
* Soft Skills: Client Interaction, Problem-Solving, Collaboration

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## Certificates

* Intro to Machine Learning - Kaggle
* Data Cleaning - Kaggle
* Data Visualization - Kaggle
* Udacity Nanodegree - Android Basics by Google
* Microsoft Technology Associate - Cloud Fundamentals

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# Experience

### Magic Finserv / (AI Consultant)

OCT 2021 - PRESENT

* Developed and deployed data extraction tools for unstructured documents, collaborating directly with clients to meet their needs.
* Applied ML/DL algorithms for feature extraction, NER, and OCR, achieving accurate data extraction.
* Utilized APIs and databases (SQL, Oracle) on the Linux platform.
* Contributed to enhancing tool capabilities and integrating with client systems.

### Hewlett Packard Enterprise / (ML-AI Intern)

APRIL 2021 -JULY 2021

* Implemented GANs for 3D modeling, integrating NLP for OCR and NER tagging.
* Created a UI application using Python Framework Dash for data visualization.
* Leveraged Selenium for data extraction and preprocessing.



# Projects

### Deepsight for Fiserv

* + Developed a versatile data extraction tool for various document types, utilizing Camelot Model for table structure detection.
  + Tech Stack: Python, SQL, Oracle, Docker, Flask API, ML,

NLP, Linux

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### Coupa Invoice Automation

* Led the end-to-end development of an invoice automation tool with Detectron Model for document layout detection.
* Implemented post-processing using SQLAlchemy and FastAPI for business rule application.
* Tech Stack: Python, SQLAlchemy, FastAPI, ML, DL, NLP

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### 2D images to 3D models -(Internship)

* Utilized transfer learning and GANs (STYLEGAN2, GAN2Shape) to generate 3D models from 2D images.
* Developed interactive Dash-based GUI to showcase GAN model outputs.
* Tech Stack: Python, GANs, Transfer Learning, Dash