

# NIRVAN BAJRACHARYA

Sharjah, United Arab Emirates | +971 52 978 6369 | nirvan.bajracharya@gmail.com

[www.linkedin.com/in/nirvan-bajracharya-5144711ba](https://www.linkedin.com/in/nirvan-bajracharya-5144711ba)

<https://github.com/Agentnir18>

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## ABOUT ME

I am a recent graduate of University of West London, Ras Al Khaima with a Bachelor's degree in Computer Science. Specializing in Front-end Development, keen on transitioning into Full-Stack Development and Software Development. Additionally, I possess a creative flair, excelling in Illustrations and UI/UX design.

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## EDUCATION

**University of West London, Ras Al Khaimah, UAE**

October 2020 - June 2023

Bachelor of Science in Computer Science (Honours)

Overall classification of qualification: First Class Honors (Overall Average: 80%)

Relevant Coursework: Data Structures and Algorithms, Artificial Intelligence, Databases and Analytics, Applied Software Engineering

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## WORK EXPERIENCE

**MindChamps**

Sept 2020 - Sept 2021

*Illustrator and Web Designer (Internship)*

- Tasked to make illustrations for their blog posts
- Created pages of their website
- Designed their current logo

**TCR Innovation**

Sept 2022 - Nov 2022

*Data Analyst Intern*

- Learned Data processing methods in Python
- To train Machine Learning models

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## TECHNICAL EXPERTISE

**Programming:** C++ | Java | HTML/CSS | JavaScript | Python

**Frameworks:** React | Next.js | NodeJS | Flask | Tkinter | Pygame | Tailwind | JQuery | OpenCV

**Databases:** Oracle/SQL | MongoDB

**Data Analytics:** Excel | Microsoft PowerBI | Jupyter Notebook | Pandas | Numpy | Matplotlib

**Others:** Illustrator | Photoshop | Blender | GIT | Wordpress | Figma | BurpSuite

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## PROJECTS

**Form Manager Site**

Flask, SQL, HTML/CSS, JavaScript, JQuery

- Used JQuery to drag and save positions of forms for priority management
- Allows CRUD functionality for forms in a user-friendly layout
- Integrated the site with REST API architecture and stored data in a local database

**AI Art Canvas (ML Application)**

Python, Tkinter, OpenCV

- Generates images from semantic input giving control of how image should generate
- Style transfer feature added where images can merge with art styles
- Implemented the app with SPADE ML model to generate images
- Designed the GUI of the app from using python library called Tkinter

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## ADDITIONAL INFORMATION

**Interests:**

- Art - 1st place in Interweave Art Competition 2016
- Graphic Design or UI/UX Design - 2nd place in Design o Mania

**Nationality:** Nepalese