Md. Injamul Haque

Location: Dhaka, Bangladesh

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SOFTWARE ENGINEER

I am an Android developer with expertise in Computer vision and Computational photography. My profound interest lies in seamlessly combining these fields.

TECHNICAL SKILLS

Languages	:	C++, Java, Kotlin, Python
Frameworks	:	TensorFlow,Flutter, Django, Jetpack Compose
Libraries	:	OpenCV, Numpy, Matplotlib, Keras
Databases	:	MySql, NoSQL, PostgreSQL
Web Design	:	HTML, CSS, JavaScript, Bootstrap
Dev Tools	:	Android Studio, Eclipse, Pycharm, Jupyter Notebook, Figma, Adobe Photoshop
Other skills	:	LaTeX, Git

EXPERIENCE

Software Engineer — January 2023 – Present
Inovex Idea Solution Limited — *Dhaka, Bangladesh*

- Contributed to the existing Mobile Device Management (MDM) and EMI Locker Android Applications based on **Java.**
- Worked with **REST APIs** to retrieve and display data from web services, enhancing the functionality and interactivity of the application.
- I actively contributed to the **UI/UX** design of the company's website and other platforms, utilizing **Figma** to create visually appealing online presence.

Research Assistant (Computer Vision) — August 2020 – January 2022
Department of Computer Science and Engineering, Jahangirnagar University — *Savar, Dhaka, Bangladesh*

- Collected and prepared large datasets for computer vision research projects.
- Developed and implemented computer vision algorithms using **openCV, CNN, Autoencoder, and GAN.**
- Conducted experiments to evaluate the performance of computer vision algorithms and analyzed the results.
- Actively engaged in continuous learning and skill development to stay updated with the latest advancements in computer vision.

Teaching Assistant — July 2019 – December 2019
Department of Computer Science and Engineering, Jahangirnagar University — *Savar, Dhaka, Bangladesh*

- My responsibilities at the computer laboratory in the Department of Computer Science and Engineering included collaborating with teachers to support them in their project endeavors.

EDUCATION

Jahangirnagar University — Savar, Dhaka, Bangladesh
Master of Science in Computer Science and Engineering — *June 2019 – March 2022*

Jahangirnagar University — Savar, Dhaka, Bangladesh
Bachelor of Science in Computer Science and Engineering — *April 2014 – May 2019*

PROJECTS

Object Detection using Vision Transformer. Source Code

- Implemented an advanced object detection system leveraging **Vision Transformer** architecture.
- Developed a robust solution for detecting and classifying objects in images.
- Utilized cutting-edge technologies to achieve state-of-the-art performance in computer vision tasks.

Image Quality Metrics Comparison. Source Code

- Conducted a comprehensive analysis of image quality using various metrics, including Mean Squared Error (MSE), Structural Similarity Index Measure (SSIM), and Peak Signal-to-Noise Ratio (PSNR).
- Evaluated and compared the performance of these metrics across different sets of images.
- Provided insights into the strengths and limitations of each metric in assessing image quality.

Find Device Address with Geocoding API Using Java (Android). Source Code

- Implemented a location-based service using the Android Location Manager to obtain accurate longitude and latitude coordinates.
- Integrated the Geocoding API to translate obtained coordinates into human-readable addresses.
- Developed a seamless solution for efficiently retrieving and displaying device locations on-demand.

News App Using Java (Android). Source Code

- Integrated the News API to fetch and display real-time news articles from diverse sources.
- Successfully developed a feature-rich news app with a focus on user experience and accessibility.
- Overcame challenges related to API integration, offline functionality, and error handling to deliver a seamless news browsing experience.

MANAGEMENT AND LEADERSHIP SKILLS

- Demonstrated leadership as a group leader on multiple projects, showcasing the ability to coordinate and guide teams toward successful outcomes.
- Organized seminars and workshops as an executive member during my bachelor's degree at Jahangirnagar University, highlighting strong organizational and event management skills.
- Served as the President of the JU-CSE Photography Club, fostering creativity and collaboration within the club and actively contributing to the field of photography.
- Engaged as a Member of the Jahangirnagar Photographic Society, participating in a community of like-minded individuals passionate about photography and visual storytelling.

PROFESSIONAL CERTIFICATIONS

- Programming for Everybody (online course offered from University of Michigan via Coursera with certificate).
- Python Classes and Inheritance (online course offered from University of Michigan via Coursera with certificate).
- Python Data Structures (online course offered from University of Michigan via Coursera with certificate).
- Elements of AI.(Online course offered from the University of Helsinki and Reaktor with certificate).
- Neural Networks and Deep Learning (online course offered from deeplearning.ai via Coursera with certificate).
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning. (deeplearning .ai)
- Convolutional Neural Networks in Tensorflow.(deeplearning .ai)
- Advanced Computer Vision with Tensorflow. (deeplearning .ai)