



CHOWD- HURY ASHEK BIN HELAL

DEEP LEARNING ENGI-
NEER

LINKEDIN

GITHUB

LANGUAGES

- English - Fluent
- Finnish - Novice
- Bengali - Native

CERTIFICATIONS

- Certification from Dataquest.io for completing the "Data Analyst in Python" path (August 2020).

PROFILE

Ashek is a Deep Learning Engineer with his Master's thesis on the application of Computer Vision in the forest industry and years of working experience as an IT professional. His other strengths include knowing his way around Big Data Analytics. In his career, Ashek is passionate about applying his hard-earned abilities to environmental technology and the digitalization of relevant domains. However, his level of proficiency allows him to transfer his abilities to other applications. As an individual, Ashek is a proactive and organized communicator who never fails to make his teammates smile.

RECENT PROJECTS

Master's Thesis Project

Matlab

A Thesis project completed as a part of a Master's degree program in Computer Vision and Pattern Recognition at LUT University in Lappeenranta, Finland. The purpose of the work is to develop a system that is capable of detecting anomaly defects of sawn timber with the use of Autoencoder.

SKILLS

Programming Languages: C, CSS, Java, HTML, MATLAB, Python, SQL.

Data Analysis: BeautifulSoup, Dask, NLTK, NumPy, OpenCV, Pandas, SciPy.

Data Visualisation: Bokeh, Matplotlib, Microsoft BI, Plotly, Seaborn.

Machine Learning: Keras, PyTorch, Scikit-Learn, TensorFlow.

Other: Adobe Illustrator.

EXPERIENCE

Deep Learning Engineer

Integrify | Helsinki, Finland | April 2020 - Present

IT Officer

Platinum Group Ltd. Bangladesh | Dhaka, Bangladesh | September 2016 - May 2017

- Oversaw the company's IT infrastructure.
- Maintained the IT network and supervised the company's intranet and LAN.
- Troubleshoot IT hardware.
- Responsible for the server-side analysis.
- Analyzed data and created monthly salary reports.
- Created visualization graphs and charts.

IT Officer (Trainee)

Mutual Trust Bank Ltd. Bangladesh | Dhaka, Bangladesh | January 2016 to March 2016

- Assisted with troubleshooting issues and provided technical support.
- Contributed to IT support in areas such as cybersecurity.
- Also responsible for programming, analytics, and data center management.

EDUCATION

Specialization Studies in Big Data Analytics

Arcada University of Applied Science | Helsinki, Finland | 2019 - 2020

M.Eng. in Computer Vision and Pattern Recognition

LUT University | Lappeenranta, Finland | 2017 - 2019

B.Sc. in Computer Science and Engineering

Ahsanullah University of Science and Technology | Dhaka, Bangladesh | 2011 - 2015