Anmol Mann

Machine Learning Engineer

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Links

Github:// **anmolmann**
LinkedIn:// **anmolmann**
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Education

September, 2018 - April, 2021
M.SC. IN COMPUTER SCIENCE
University of Victoria
Victoria, BC, Canada
CGPA : 8.5/9

2014-2018
B.E. IN COMPUTER SCIENCE
Chitkara University
Punjab, India
CGPA: 9.47/10

Skills

LANGUAGES
Java, Python, JavaScript

WEB TECHNOLOGIES
Angular, Spring, Django, HTML/CSS

ML LIBRARIES
Scikit-learn, Numpy, Pandas, PyTorch, Tensorboard

DATABASES
SQL, MySQL, PostgreSQL

OS AND TOOLS
GNU/Linux, Windows, Git, Eclipse, Intellij

BIG DATA
Apache Spark, Map-Reduce paradigm

OTHERS
Google Cloud, AWS

Coursework

Deep learning in Computer Vision
Distributed Computing
Data Mining
Operations Research
Research Skills
Algorithm Design & Implementation
Operating Systems
Database Management System
Object Oriented Programming

Experience

2019-now Pacific GeoTech Systems Ltd.   Software Developer/Lead
Development, design, and implementation of web-based REST-full applications. Also, as a project release lead, ensure that projects are delivered as planned.
Java, Angular/Angular JS, Spring, Jasper Reports, JIRA, Confluence

2021-NOW   University of Victoria   ML Researcher (Contract)
Researching & developing an investment strategy to achieve max income using machine learning techniques.

2018-2021 University of Victoria   Research Assistant
Designed novel randomized algorithms for estimating clique counts in one-pass streaming graphs which improved performance and quality of the state-of-the-art.   *http://hdl.handle.net/1828/12941*

2019-2021 University of Victoria   Teaching Assistant
Teaching Labs for CSC 502 (Systems for Massive Datasets), SENG 265 (Software Development Methods)
C, Python, Linux, Git, Map-Reduce, Spark

2018-2019 R.A. Malatest & Associates Ltd.   Quality Control Programmer
Developed complex telephone & online surveys for data collection.

Projects

2019 Anatomically-aware Facial Animation from a Single Image   Deep Learning, Computer Vision
Reimplemented the novel GAN conditioning scheme using PyTorch, which describe in a continuous manifold the anatomical facial movements defining a human expression.

2019 Mining Graph Patterns in Massive Datasets   Distributed Computing
Focused on the random sampling algorithm and distributed methods for this project to count the triangles present in streaming graphs. Used Google Cloud Platform and Apache Spark for implementation purpose.

2018 Predicting Boston Housing Prices   ML
Evaluate the performance and predictive power of a model that has been trained & tested on data collected from homes in Boston.

2017 Linux Server Configuration   Web Technologies
Prepared a server to host web applications, using Amazon LightSail.

Achievements/Awards

2019-2020 University of Victoria   Graduate Award
Three times recipient of University of Victoria Graduate Award Scholarship, 2019-2020.

2016-2017 Week of Code Hackathons, Hackerrank   Participated
2 Silver Medals & 1 Bronze Medal (hackerrank.com/anmolmann).