
ERDAL OZKAYA

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Online Portfolio: <https://erdalozkaya.netlify.app>

OBJECTIVE

A disciplined and detail-oriented data analyst and machine learning developer with strong organizational skills in any environment. Ready to help the team achieve company goals. Open-minded and curious about learning new techniques and technologies.

HIGHLIGHTS OF QUALIFICATIONS

- Proficient in Python, with experience in data analysis, manipulation, and automation for machine learning applications.
- Solid foundation in Machine Learning algorithms, including supervised and unsupervised techniques.
- Applied Mathematics knowledge for Machine Learning, with a focus on mathematical concepts essential for model optimization and performance evaluation
- Clear communication skills to facilitate teamwork and collaboration.
- A strong ability to identify and analyze problems, and find solutions to overcome them.
- Effective organization skills for efficient use of time, resources, and effective project management.
- Adapting new techniques and technologies.

TECHNICAL SKILLS

- | | |
|---|---|
| • Python | • C#, Java, JavaScript |
| • Machine Learning, Deep Learning | • Full Stack Development (React, Node.js and Express) |
| • Data Visualization Techniques (Tableau, PowerBI) | • HTML and CSS |
| • Big Data Tools and Techniques (Hadoop, Hive, Pig) | • Agile Framework |
| • App Math Concept for Machine Learning and Deep Learning | • MySQL, Microsoft SQL Server, NoSQL |
| | • Colab, Jupyter Notebook, Visual Studio, IntelliJ, PyCharm |

EDUCATION

Applied A.I. Solutions Development (Postgraduate)

George Brown College - Toronto, ON

09/2025

- Developed advanced AI models focusing on predictive analytics and decision-making.
- Hands on labs and Projects such as NLP, image recognition

Computer Technology: Computer Programming And Analysis

George Brown College - Toronto, ON

05/2024

- Dean's List: Each semester
- Relevant Courses: Machine Learning I & II, Big Data and Data Visualization Techniques, Python, Full Stack Development I, Full Stack Development II, Agile Software Development
- Hand-on labs and Projects

Certificates:

in 2022

- Build Responsive Real-World Websites with HTML and CSS online course certificate
- The Complete JavaScript Course 2022: From Zero to Expert online course certificate

Bachelor of Science in Physics

Orta Dogu Teknik Universitesi (Middle East Technical University) – Ankara, Turkey 06/1994

PROFESSIONAL EXPERIENCE

Software Developer, Deop Inc, Toronto, ON

09/2022 to current

- Built a dynamic dashboard with HTML, CSS, and JavaScript, offering real-time visibility into inventory metrics.
- Designed RESTful APIs for interfacing with the inventory management system from third-party applications and services.
- Assisted in the development of API endpoints using Node.js, improving backend functionality and data retrieval processes.
- Participated in code review sessions, providing constructive feedback to improve code quality and maintainability.

Physics Teacher and Principal

Star College, Cape Town, and Durban, South Africa

01/2015 to 09/2019

Star College, Durban, South Africa

03/2011 to 12/2014

Tashkent Ulugbek International School, Tashkent, Uzbekistan

09/1999 to 12/2010

Tashkent Boy's High School, Tashkent, Uzbekistan

09/1997 to 09/1999

Djizak Boy's High School, Djizak, Uzbekistan

11/1994 to 09/1999

- Analytical skills: As a physics teacher, I had to analyze complex data and solve problems using scientific reasoning.
- Leadership: As a school principal, I lead a team of teachers and staff and made critical decisions that impact the school's success. (approximately 50% increase in the number of students in Star College Cape town in 3 years)
- Communication: As a principal, I would communicate effectively with parents, students, teachers, and other stakeholders.
- Problem-solving: As a school principal and physics teacher, I solved various problems, such as managing difficult students, finding innovative ways to teach complex concepts, and navigating conflicts among staff.