

CENGİZ OZEL

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EDUCATION

University of Rochester, Rochester, NY, Major GPA 3.08 May 2022
Bachelor of Science in Computer Science

Spencerport High School, Spencerport, NY, GPA 3.64 June 2018
Regents Diploma with Advanced Designation

PROJECTS

Predicting Student Grades Through Data Mining 2022
Used a student performance data set that comprises 32 attributes, all of which are factors that might potentially contribute to a student's grade quality. The project contains two algorithms that predict term grades: decision trees and backpropagation.

Uncertain Inference 2021
Design and implementation of Bayesian Networks. The project contains an implementation of algorithms for Inference by Enumeration for exact inference as well as the Rejection Sampling and Likelihood Weighting for approximate inference.

EXPERIENCE

University of Rochester, Rochester, NY June 2022 - Present
Research Assistant

- ⇨ Building a deep learning model to diagnose Parkinson's disease with a webcam.
- ⇨ Using Unity and OpenCV on Python to create a computer vision pipeline.
- ⇨ Making an AI agent in Unreal Engine 5 for practicing medical conversations.

University of Rochester, Rochester, NY January 2021 - May 2022
Teacher Assistant for a Java course

- ⇨ Held lab sessions twice a week and graded several projects throughout the semester.
- ⇨ Assisted the professor with coordinating the class structure with weekly meetings.

University of Rochester, Rochester, NY September 2020 - December 2021
Teacher Assistant for a MATLAB course

- ⇨ Held weekly lab sessions and helped students complete their tasks.
- ⇨ Graded labs, final projects, and presentations with detailed feedback for students.

SKILLS

Programming Languages: Java, C, C#, C++, MATLAB, Python, R, JavaScript, Swift, SQL

OS and Other: Bash Shell Scripting, Microsoft Windows, MacOS, Linux/Unix, Android, iOS

Courses: Artificial Intelligence, Data Mining, Human Computer Interaction, Web Programming, Mobile App Development, Design and Analysis of Efficient Algorithms

Productivity: MS Word, Excel, PowerPoint, Google Docs, Sheets, Slides

Languages: Fluent in English and Turkish