ANDREJ ERDELSKY

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WORK EXPERIENCE

May 2024 – Now
International

Gameplay Programmer on the DCGO TCG Simulator Project
Remote
Responsibilities: Implementing gameplay systems and individual card mechanics in a live service trading card game simulator with thousands of active players, dedicated testers and frequent build releases.

School Year 2020/21
Netherlands

Teaching Assistant
Delft University of Technology
Responsibilities: Helping students with various projects, including database querying and making web games in JavaScript.

EDUCATION

Aug 2023 – (Jun 2025)
Sweden
Master's degree

Game Design and Technology MSc
The University of Gothenburg
Main courses: Game Development Project, Advanced Computer Graphics, Game Engine Architecture, Gameplay Design

Sep 2019 – Feb 2023
Netherlands
Bachelor's degree

Computer Science and Engineering BSc
Delft University of Technology
Main courses: Algorithms and Data Structures, Big Data Processing, Collaborative Artificial Intelligence, Computer Networks, Object-Oriented Programming, Functional Programming, Web and Database Technology, Software Quality and Testing, Machine Learning

PROJECTS

School Year 2024/25
Sweden
Game Development Project

Creatures of the Deep
The University of Gothenburg
Description: Development of a first-person submarine horror game with physical control system and underwater exploration in Unity.

School Year 2021/22
Netherlands
Bachelor's Thesis

Causal Machine Learning: Propensity Score Matching
Delft University of Technology
Description: Analysis of the performance of Propensity Score Matching, a causal inference machine learning method for causal effect estimation.

School Year 2020/21
Netherlands
Software Project

AATOM Testing Framework
Delft University of Technology
Description: Creation of a testing framework for AATOM, an agent-based airport terminal simulation software used in Dutch airports.

SKILLS

App Development Java   **Computer Graphics** C++, C#, OpenGL   **Artificial Intelligence** Python, NumPy
Game Development Unity, Godot, Unreal 5, Blender   **Web Development** JavaScript, HTML, CSS
Functional Programming Scala, Haskell   **Database Management** SQL, PostgreSQL   **Robotics** VHDL
CAD 3D Design Fusion 360   **Graphic Design** Affinity Designer   **3D Printing** Bambu Studio, Prusa Slicer

LANGUAGES

English C1   **French** C1   **Slovak** C2   **Czech** C2