### **P8**

P9

Projekt Rapport d805f20

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#### **Department of Computer Science**

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# Chapter 1

# Introduction

Hey

#### Appendix A

# Acronyms

AI Artificial Intelligence

**API** Application Programming Interface

**OS** Operating System

**CSV** Comma Separated Values

GC Garbage Collection

**IDE** Integrated Development Environment

JIT Just-in-Time

**CBRS** Content-Based Recommender Systems

VSM Vector Space Model

CTR Click Through Rate

NDR narrative-driven recommendations

**EDR** Example-Driven Recommendation

NDCG Normalized Discounted Cumulative Gain

seq2seq Sequence-to-Sequence

**MSE** Mean Squared Error

**HCI** Human-Computer Interaction

**Dota** Defence of the ancients

MCTS Monte Carlo Tree Search

**UCT** Upper Confidence Tree

**UCB** Upper Confidence Bound

**RMSE** Root Mean Squared Error

MAE Mean Absolute Error

MCTS Monte Carlo Tree Search

NMAE Normalized Mean Absolute Error

NN Neural Network

**ReLA** Rectified Linear Activation Function

ReLU Rectified Linear Unit

**Tanh** Hyperbolic Tangent

**KNN** K Nearest Neighbor

**AUROC** Area Under the Receiver Operating Characteristics

AUC Area Under Curve

Moba Multiplayer Online Battle Arena

SGD Stochastic Gradient Descent

BFGS Broyden-Fletcher-Goldfarb-Shanno

MF Matrix Factorization

LBFGS Limited-memory

Broyden-Fletcher-Goldfarb-Shanno

**GBDT** Gradient Boosted Decision Tree

LR Logistic Regression

ACE Accuracy, Confidence, Effort

**GDC** Gradient Decent

Adam Adaptive Moment Estimation