Ertan **Köse**

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Summary

Currently a third year Computer Science student at Copenhagen University with an appetite to learn, improve and contribute.

Work Experience

Tivoli — *Copenhagen*

Service Medarbejder — *Apr. 2017 - Jan. 2019*

Wokamok — *Glostrup*

Chauffør — *Jan. 2019-Sep.2020 (Start of studies)*

Moment — *Copenhagen*

Eksamensvagt — *Exam period 2021*

Skills

Back-end	.Net, Django, MVC ,API, SQL
Front-end	BootStrap, HTML5, CSS,
Languages	C#,F#, Python, C/C++
Tools	Git, Agile, Unit Testing, Unity, Adobe, CMS Etc
Languages	Danish(Native Language), English(Fluent)

Education

Sydkystem Gymnasium — *Copenhagen, Denmark*

HTX Game Design — *Aug. 2017 - Juni. 2020*

Copenhagen University — *Copenhagen, Denmark*

B.S. in Computer Science — *Sep. 2020 - Jun. 2023*

Some Of My Projects (Personal & School)

Personal Website

ErtanEnsar.github.io

- Personal website to present myself, portfolio and contact information
- Responsive design without the use of any frameworks
- Made with Html, Css and JS

Locomotion Technique Research

Virtual Reality

- Portal Based
- Improved Spatial Awareness
- Decrease in Nausea and VR sickness

Implementation of Strongly Typed Programming Language

Fasto

- Compiled and Interpreted
- Lexing, Parsing
- Code Generation and Optimising

Full stack Website(MVC)

Stock Recon

- Website to display various information collected with my datascraper
- Used Django as the web framework combined with PostgreSql
- Used Bootstrap to make it responsive and usable across all platforms
- Deployed on Digital Ocean and automatically pulls updates from Github

Datascraper and processor(Sentiment Analysis)

Python Datascraper

- Used PRAW(The Python Reddit API Wrapper)
- Searched for comments and posts in subreddits that contains specific stock tickers and names
- Used vaderSentiment to rate their sentiment
- Able to fetch multiple comments and posts at a time to save requests

Techniques for Virtual Reality

Unity and C#

P2P Network

Made with C

- Multithreaded
- Our own Network Protocol

Pipelining Simulator

Made with C

- X86 Instruction Set

Various Machine Learning Models

Python

- Supervised
  - Regression
  - Classification
- Unsupervised
  - Clustering
  - Dimensionality Reduction