

# Daria Radu

## Software & Game Developer

I am on a constant road of learning how to code my way through life. Up until now, I've done that by venturing into Web Development, Game Development and AI/Machine Learning.



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## WORK EXPERIENCE

### Game Programmer (AI Focus)

Die Gute Fabrik

11/2021 - Present

Copenhagen, Denmark

#### Achievements/Tasks

- Tech Lead on the development of Spoils a minigame incorporating Machine Learning, an essential part of the upcoming game, Saltsea Chronicles
- Completed a Msc Thesis Collaboration about minigame design and AI
- Developing other crucial features of the game such as Game Accessibility and Settings
- Working with Unity and C# + MLAgents

### Software Engineer

Zendesk

12/2021 - 11/2022

Copenhagen, Denmark

#### Achievements/Tasks

- As part of the development of the Guide product, I was responsible for expanding existing features, as well as revamping others - such as Help Center Requests
- Worked in Backend and Frontend, using Ruby and React.js + Typescript

### DevOps Assistant

Tradeshift

09/2019 - 04/2020

Copenhagen, Denmark

#### Achievements/Tasks

- Assisted in Kubernetes Migrations, and helped maintain the production platform

### Back End Developer

Copyright Agent

02/2019 - 08/2019

Copenhagen, Denmark

Protects image agencies against copyright infringement

#### Achievements/Tasks

- Developed for their existing crawler using Google Vision API and Google Cloud Storage
- Expanded their API with Node.js and Typescript

### Back End Developer

Lokalist ApS / Worthmore ApS

08/2018 - 02/2019

Copenhagen, Denmark

Startup working with sustainability solutions in tech

#### Achievements/Tasks

- Created the basic infrastructure of the REST API, deployment, and database architecture, as well as a scraper/crawler for ML data

### Backend Developer

Goalsetter ApS

11/2017 - 09/2019

Copenhagen, Denmark

#### Achievements/Tasks

- Created a new infrastructure from scratch for their product customization platform using Node.js and PostgreSQL
- Implemented a payment gateway with Quickpay API and database management of orders

## SKILLS

Game Development

Backend Development

Javascript

Node.js

SQL and NoSQL Databases

APIs

GIT

Unity

C#

MLAgents

Python

Ruby

React.js

Docker

Machine Learning

## ADDITIONAL ACHIEVEMENTS

### Game Projects (10/2019 - Present)

- As a game developer, I took part of various short term game projects, in which I was one of the programmers - either in Game Jams or in school projects. These can all be found on my itch.io page:
- <https://dariatradu.itch.io/>

### Teacher Assistant - Mobile App Development (08/2019 - 12/2019)

- As a teacher assistant at IT University of Copenhagen, I helped students develop basic mobile applications using React Native and Expo.

### Google Development Scholarship - Mobile Web Specialist Nanodegree (02/2018 - 08/2018)

- After being selected to receive a Google Nanodegree Scholarship, I have learned how to create a fully responsive web applications, optimized for any screen size and offline usage.

## EDUCATION

### MSc in Games (Technology Track)

ITU (IT University of Copenhagen)

08/2019 - 09/2021

#### Courses

- Modern AI in Games
- Game Programming
- Data Science
- Thesis: Minigame Design and AI

### BA in Web Development + AP in Multimedia Design and Communication

KEA

08/2015 - 02/2019

Copenhagen, Denmark

## INTERESTS

AI & Machine Learning

Gaming

Software Development

AI in Games

Data Science

Leadership

Travelling

Dancing

Racing