

HUNG LE

Master's Student at Chalmers University of Technology

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EDUCATION

M.Sc in Computer Science

Chalmers University of Technology

📅 Sep 2023 – Ongoing

📍 Gothenburg, Sweden

- Algorithms, Languages, and Logic master's program with a focus on topics such as artificial intelligence, computer security, and software technology.
- Core Topics: Artificial Intelligence, Machine Learning, Optimization, Software/Hardware Applications, and Programming Languages.

B.Sc in Computer Science and Engineering

Chalmers University of Technology

📅 Sep 2020 – Jun 2023

📍 Gothenburg, Sweden

- Thesis title: Development of an Immersive Marketing Tool: An Alternate Reality Game for a Master's Programme.
- Developed programming skills in different languages such as: Python, Java, C, C++, MATLAB, React, and Haskell.

PROJECTS

Master Thesis – Investigating the Impact of Simulation Fidelity on Automotive Decision-Making

Chalmers - Volvo Cars

📅 Feb 2025 – Present

📍 Gothenburg, Sweden

- Developing a simulation environment for sensor testing of autonomous vehicles using **Unreal Engine 5**.
- Integrating realistic road network data using **OpenDRIVE** standards and internal tools like **SVADDS**.

Bachelor Thesis – Alternate Reality Game for a Master's Programme

Chalmers

📅 Jan 2023 – Jun 2023

👤 hiephp1611/AlternateRealityGame

- Developed Alternate Reality Games, or ARGs, interactive games that use the real world as the scene, immersing players in a unique and exciting experience, using **React**, **Unity**, **C#**, and **JavaScript**.
- Used **Git** and **Agile** methodologies and **MoSCoW** for effective project management.
- Deployed the website and puzzles using tools such as **React**, **MurfAI**, **Blender**, and **ChatGPT**.

Personal Project – NanoGPT

📅 2024

👤 hiephp1611/nanoGPT

- Building a Generatively Pretrained Transformer (GPT), following the deep machine learning principles presented in the paper "Attention is All You Need" and OpenAI's GPT-2/GPT-3.
- Implemented Transformer Architecture on the LLM model, using **Tensors** and **PyTorch**.

ABOUT ME

I am currently pursuing a Master's thesis at Volvo Cars, specializing in simulation environments for autonomous vehicle sensor systems. Passionate about embedded software, autonomous technology, and simulation-driven development. My programming journey began in high school with Pascal language, leading to various exciting personal and academic projects.

I am particularly interested in Artificial Intelligence and Machine Learning, where I can apply my skills to solve complex problems. Notable personal projects I've developed include the Magic Mirror and NanoGPT, using Python.

I thrive in collaborative environments and enjoy tackling challenging subjects that expand my knowledge and skills. I look forward to exploring the evolving technology landscape and contributing to innovative solutions.

WORK EXPERIENCES

Homework Helper

Stiftelsen Läxhjälpen

📅 Feb 2023 – Present 📍 Gothenburg

- Providing extra help with regular schoolwork for students and schools facing significant challenges.

Server & Cashier

Ai Sushi & Vietnamese

📅 Feb 2022 – Sep 2022 📍 Gothenburg

- Worked part-time as a server and cashier at the sushi and Asian cuisine restaurant, Ai Sushi & Vietnamese.

SKILLS

Python C Java Haskell C++

HTML CSS JavaScript React

C# MATLAB Git SVADDS

Unreal Engine Unity CI/CD

LANGUAGES

English

Swedish

Vietnamese

