

Angelica Hjelm Gardner

angelicahjelmgardner@gmail.com • linkedin.com/in/angelica-gardner/ • github.com/angelicagardner

EXPERIENCE

Simple [A]

Software Developer Intern, R&D • Jan 2019 — Jun 2019

- Remote project-based internship for higher education diploma thesis.
- Developed a content-based recommender module using GraphQL API in ASP.NET with a DotnetSpider crawler collecting data from website articles, a BoW model extracting information and storing it in a Neo4j graph database.
- The module supported a chatbot system during fallback intent to improve the user experience.

Mjukhud.se

Junior Web Developer • Jan 2015 — Dec 2016

- Developed a classic WordPress blog theme using HTML5, CSS3, JavaScript and PHP according to WordPress coding standards. Responsible for monitoring theme and plugin updates.
- Improved the responsiveness of the Magento 1 e-commerce theme using CSS media queries, as large parts of the website were still desktop-only.
- Implemented Magento security patches by replacing the changed files via FTP.
- Identified UX and performance issues through user feedback and PageSpeed Insights reports.

EDUCATION

Linnaeus University

Master of Science - MS, Software Technology • 2020 — 2022

- Degree Project (Grade A): Conducted ML experiments in Jupyter notebooks to recognise pain, estimate intensity, and classify painful body areas in adults based on body movements and facial expressions. I used a hybrid CNN-BidirectionalLSTM and a recurrent CNN (RCNN) with Keras Functional API (Tensorflow 2).

Linnaeus University

Bachelor of Science - BS, Computer Science • 2019 — 2020

- Degree Project (Grade A): Conducted ML experiments with Sacred to compare the performance in detecting deepfakes between ensembles of CNNs and individual models. I used the Deepfake Detection Challenge dataset from Kaggle and the following CNN architectures in PyTorch: VGG16, VGG19, ResNet50 and Xception.

Mid Sweden University

Higher Education Diploma with specialisation in Computer Engineering • 2017 — 2019

- Degree Project (Grade A): Developed a content-based recommendation module with four components: (1) web spider using DotnetSpider, (2) bag-of-words model using ML.NET, (3) Neo4j graph database and (4) GraphQL API to which the chatbot agent connects via Dialogflow's webhook service.

PROJECTS

- Visual Explorer - **Python, Flask, SQLite, React.js, Plotly.js, Docker Compose**
Visual Analytics course project using a dataset from VAST challenge 2019. This tool allows a human user to analyse messages from a social media network to detect signs of an earthquake. I was responsible for the ML backend, but also worked on some frontend tasks, such as implementing the message table. See the [code on GitHub](#).

TECHNICAL SKILLS

- Languages, libraries, frameworks: HTML, CSS, JavaScript, React.js, Python, Flask
- Technologies and tools: MySQL, Git
- Other: Data structures and algorithms