Luke Schumacher

Machine Learning & Data Science Specialist Student

CONTACT

- Tampere, Finland,
- +(372) 5556 8163
- luke.schumacher777@gmail.com
- www.lukeschumacher.myportfolio.com

SKILLS

- HTML CSS Java
- Python
- React Native
- C#
- Adobe Xd
- Adobe Ai

LANGAUGES

English (C2)

German (Native)

Arabic and French (B1)

PROFESSIONAL PROFILE

I am a 25-year-old AI Researcher and Technology Specialist with a strong international background spanning the Middle East, Europe, and Asia. I hold an International Baccalaureate diploma and a degree in CMD & IT. Currently, I am pursuing a master's degree in Artificial Intelligence for Sustainable Societies through the prestigious Erasmus Mundus program, with academic experiences in Tallinn, Porto, and Tampere. My expertise lies in Machine Learning and Data Science, with a deep interest in applying AI to address societal challenges and drive sustainable innovation. I am passionate about leveraging data to uncover insights and craft meaningful solutions that bridge technology and human needs. Beyond technical proficiency, I excel in collaborative, multicultural environments, bringing curiosity, adaptability, and a strong sense of purpose to my work. I am motivated by the potential of AI as a transformative force and am committed to advancing research and applications in this field to make a lasting impact.

EDUCATION

Tallinn, Lusófona, Tampere University / Erasmus Mundus Masters
Artificial Intelligence for Sustainable Societies
From 2024 to Current

Hanyang University / Minor
Artificial Intelligence and Machine Learning
From Feb 2022 to Sep 2022

Hanze University of Applied Sciences / Bachelors
Communication & Multimedia Design
From 2019 to 2024

University of Groningen / Bachelors
International & European Law
From 2018 to 2019

Greenfield International School
International Baccalaureate
From 2009 to 2018

WORK EXPERIENCE

Working Student GER / Siemens Healthineers
From 2023 to Current

I am leading a Siemens Healthineers project to develop a customer model optimizing workflow efficiency for a global clientele. Leveraging data analytics, data science, and machine learning, I design algorithms that analyze customer data, deliver actionable insights, and enhance healthcare operations worldwide, ultimately improving patient care.

Luke Schumacher

Machine Learning & Data Science Specialist Student

COMPETENCIES

// Professional
SCRUM Planning
Sprint Planning
Adaptable to changing
Environments
Interpersonal Skills
Attentiveness to detail
Analytical and Data Driven
Desired to compete and win

// Technical
Office Suite
Google Analytics
Unity Engine

SKILLS IN LEARNING

- Bootstrap
- PHP
- SQL
- Adobe Pr
- Adobe Id
- Adobe Ae

Socials

WORK EXPERIENCE CONT.

Internship GER / Infoteam Software AG
From 2023 to 2023

Recently, I embarked on an internship to further develop my expertise in machine learning (ML) and data science (DS), honed during my studies in South Korea. Motivated by the chance to collaborate with a seasoned company in this field, I aim to refine my skills in ML and DS. This internship entails working on a project to boost a client's digital efficiency and streamline production processes through a virtual prototype. I look forward to acquiring practical knowledge from experienced professionals.

Internship UAE / Zero&One – AWS Partner
From 2021 to 2022

Interning at a Dubai-based law firm provided me with firsthand exposure to the roles, skills, and competencies of a lawyer. This experience helped me assess the potential of pursuing law as a career and informed my decision about further studies in the field. Additionally, it equipped me with valuable work experience and essential skills in an office setting.

Internship UAE / Hadef and Partners LLC.
From 2017 to 2017

I was able to conduct an internship at a lawyer's office based in Dubai which allowed me to experience the ins and outs of a lawyer - their job, as well as the required skills and competencies. This for me was a perfect opportunity to see whether that would be a potential occupation in the future as well as something which I want to consider studying. Furthermore, it allowed me to form a sort of work experience as well as to build some key skills within the office environment.

EXTRA CURRICULAR EXPEREINCE

Model United Nations / Greenfield International School
From 2017 to 2018

Student Lead Science Classes / Teaching 3rd Graders
From 2017 to 2017

KG Reading / Reading to KG Children
From 2016 to 2018

Chess Club / Student Lead
From 2016 to 2018

Swim Squad / Teaching Grades 7-10
From 2017 to 2018

Luke Schumacher

Machine Learning & Data Science Specialist Student

PYTHON LIBRARIES

Scikit-learn
scipy
numpy
matplotlib
jupyter
joblib
Keras
Imblearn
pandas
seaborn
pyspark
nltk
statsmodels

REFERENCES

Casey Bennett
Associate Professor – Hanyang, SK / DePaul University, IL
Email: cabennet@hanyang.ac.kr
http://www.caseybennett.com/

"Luke has been a student in my "Machine Learning" and "AI+X: Introduction to Data Science" courses this past school year.
He has consistently shown a strong desire to learn, and engage academically, and has been a pleasure to have in the classroom.

Additionally, he finished among the top 5% of students in both classes, in terms of grades. During the courses, Luke was asked to work on understanding and applying machine learning algorithms to various data sets. He also learned about modern approaches to AI and data science, and fundamental concepts for being a practicing data scientist in the field.

The class was "flipped classroom" style, with frequent discussions. One area that Luke stood out in was creative contributions to those discussions, often relating abstract concepts to more everyday life experiences.

He also completed a final research project on his own, applying machine learning to understand patterns of stock market fluctuations across different industries. Luke has good technical skills and is a positive contributor to any class or team environment.

I would recommend him as a candidate for your program. He has always gone above and beyond the expectations, and also shown great leadership when working in group project situations.

Combined with his existing technical skills in data science and hands-on research experience, I believe he represents immense potential as a student and future data science professional."

Lee Baker
EMEA Oil and Gas Projects Director
Email: lee12baker@gmail.com

"I've known Luke since 2008. He is honest, hardworking and trustworthy. He has a keen intellect and strong sense of empathy. I look forward to watching him develop his potential."