# Spyridon Kaperonis

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# **Software Engineer**

GitHub: SpyridonKaperonis LinkedIn: Spyridon Kaperonis

Seeking a Software Engineer Intern position in Machine Learning, where I can utilize my programming skills and machine learning knowledge to develop and implement innovative solutions. I am eager to learn from experienced professionals and contribute my skills to a dynamic team.

#### **EDUCATION**

#### Master in Applied Artificial Intelligence

Department of Electrical and Computer Engineering - Stevens Institute of Technology

Sep 2022 - Present

**Bachelor in Computer Science and Information Systems** 

Department of Computer Science and Information Systems - Northwest Missouri State University

Sep 2017 - May 2021

June 2022 - Aug 2022

## **TECHNICAL SKILLS**

**Programming Languages** Python, Javascript, NodeJs, Java Frameworks ExpressJs, ReactJs, React Native

**Libraries** Numpy, Sklearn, Matplotlib, Tensorflow, Pandas

**Version Control Systems** Git, BitBucket, Github **Databases** MongoDB, MySQL

IDEs/Editors Visual Studio, PyCharm, Jupyter Notebooks, Spyder

Operating Systems Linux, Windows

#### **PROJECTS**

English Language Learning Oct 2022 - Dec 2022

FFN, SVM, LSTM

- Worked in a team of three members to develop a system for language proficiency recognition.
- Worked on Support Vector Machine and data pre-processing using sophisticated data engineering techniques.
- Developed a tree-like structure solution using binary classifiers to solve a multi-class problem.
- Delivered a model with overall 80% accuracy.

Sign Language Recognition Dec 2022

CNN. SVM. kNN

- Worked in a team of three members to develop a system for sign language recognition.
- Worked on K-Nearest Neighbor algorithm.
- Delivered a model with 80% accuracy.

Satellite Road Extraction Dec 2022

Auto Encoder

- Developed a generative auto encoder model to recognize roads on satellite images.
- Successfully predicted roads on test images.

#### Tennis Social Network Mobile App

NodeJs, ExpressJs, React Native, MySQL

- A mobile application with purpose to connect people.
- Three sides. Players, Coaches, and Clubs.

Textbook Service System Jan 2021 - May 2021

Java, Javascript, SpringBoot

- Developed a book management system for NWMSU textbook service.
- Cooperated in a small agile team to deliver separate parts of the project.
- Leveraged UX/UI principles on the front end.

#### **LANGUAGES**

- · Certificate of Proficiency in English C2
- Greek Native language

### **CERTIFICATIONS**

- Certified SAFe 5.0 Practitioner
- Microsoft Certified: Azure Fundamentals

#### PERSONAL INTERESTS

- · Reading Books
- Physical exercise: Jogging, Tennis and Crossfit
- · Time with family
- · Hanging out with friends
- · Watching Movies