

Spyridon Kaperonis

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Software Engineer

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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

TECHNICAL SKILLS

Programming Languages	Python, Javascript, NodeJs, Java
Mobile Technologies	Android, React Native
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

June 2022 - Aug 2022

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

- English
- Greek - Native language