Aleksandar Ivanovic

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WORK EXPERIENCE

MICROSOFT DEVELOPMENT CENTER SERBIA:

Software Engineering intern   July – October 2021
Implemented Live preview feature in Word online and Word Designer. As a member of Word Designer team, I've gained hands-on experience and knowledge about solving difficult architectural problems, good coding practices, team communication and project presentation.
Technologies and tools*: TypeScript, React, Git, Yarn.*

Data Collection and Labeling associate   February – July 2021
Participated in manual testing and collection and labeling effort for Word Designer, Word Editor and Office Media Group teams.

EDUCATION

Faculty of Technical Sciences, Singidunum University   2017 – 2021
Course: Software and Information Engineering **(9.0 GPA)**

Technical School Obrenovac
Course: Computer Technician   2013 – 2017

PAPERS AND PROJECTS

PAPERS
- Creating art using convolutional neural networks, International Student Conference StudMath-IT 2019, Arad, Romania, November 2019.
- Face recognition Framework Based on Features Template Matching, International Conference on Applied Informatics, Sibiu, Romania, May 2019.
- Application for student attendance based on face recognition, Sinteza 2019- International Scientific Conference on Information Technology and Data Related Research, Novi Sad, Serbia, January 2019.

PROJECTS

- Pneumonia classification, deep learning project where transfer learning was used to create pneumonia classifier which was used on real personal X-ray scans for which two medical experts gave two different diagnoses. (Transfer learning, TensorFlow, Keras, NumPy, Pandas).
- Classifying countries, Unsupervised learning problem where the goal was to group countries together according to socioeconomic and health factors. (KMeans, Agglomerative clustering, Scikit-learn, Pandas, Matplotlib, Seaborn)
- Heart disease risk dataset, Supervised learning classification problem. (KNN, SVM, Random Forest, Scikit-learn, Pandas, Matplotlib, Seaborn)
- Famous Elephants, Android application that consumes data over Rest API and provides CRUD over the local database. (Java, API, SQLite)
- Microservice web application that provides data over Rest API. (Spring Boot, MySQL, HTML, CSS, Bootstrap, React)
- Museum exhibitions, Angular web presentation. (HTML, CSS, Bootstrap, Angular)

CERTIFICATES AND AWARDS

AWARDS

- Second Prize award – International Student Conference StudMath-IT 2019
- Special award - ICDD 2019 (The International Conference on Applied Informatics)

CERTIFICATES

- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning - Coursera
- Mathematics for Machine Learning: Linear Algebra - Coursera
- Database Design and Programming with SQL – Oracle Academy

INTERESTS AND SKILLS

Skills related to programming: TypeScript, Java, Python (TensorFlow, Keras, Scikit-learn, Pandas, NumPy), MySQL, NoSQL, PHP, HTML, CSS, Bootstrap, Angular, C++, UML.
Interests and hobbies: 3D printing, machine learning, algorithmic problems, literature, dogs, traveling, fishing.
Languages: Serbian *(native)*, English *(full professional proficiency)*.