YUYI ZHANG

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OBJECT

Looking for a challenging technical summer internship position as a software engineer / machine learning developer.

EDUCATION

University of California – San Diego   Expected: Jan. 2023
M.S. in Computer Science and Engineering

University of Leeds - Southwest Jiaotong University   Sep. 2017 – Jun. 2021
B.S. in Computer Science, GPA: 3.9 / 4.0 - *With Honors Class I*

Programming Languages: Java, Python, C++/C
Technical Skills: Web application, Data mining tools, Deep learning libraries (Tensorflow, PyTorch), iVX.cn

EXPERIENCE

Software Engineering Project: A Cinema Application   Sep. 2020 – Jan. 2021
Lead Developer, Southwest Jiaotong University
- Led a team of four, prioritized and assigned tasks covering UI design, data crawling, features development and testing.
- Developed two main features for both android and web version of the proposed cinema application: classifying the movies into different categories, and online booking.
- Led demo sessions, gathered feedbacks and prepared enhancement requirements.

SemEval-2019 Data Mining Project   May. 2020 - Jul. 2020
Developer, Southwest Jiaotong University
- Completed the 6th task of SemEval-2019 in Proceedings of the 13th International Workshop on Semantic Evaluation: Identifying and Categorizing Offensive Language in Social Media (OffensEval).
- Processed, trained and tested datasets in three dimensions (Offensive language identification, Automatic categorization of offense types, Offense target identification) using machine learning methods such as Support Vector Machine (SVM), Bayesian Network and Convolutional Neural Network (CNN).
- Presentation record on [Youku platform](#).

iVX.cn   Sep. 2019 - Mar. 2020
Application Developer Intern
- Developed 7 demo Modules in the visual programming platform provided by iVX.cn.
- Proposed and developed 2 more application scenarios of the iVX.cn based on machine learning.
- Developed the login page for the international version of iVX.cn.

Deep Learning Based Garbage Classification and Identification System   Sep. 2018 - Aug. 2019
Research Assistant, Southwest Jiaotong University
- Completed deep learning models which can classify and identify several targeted types of garbage.
- Applied neural network FCOS based on PyTorch framework to enhance the experiment performance.
- Improved accuracy from 46% to 87% for garbage classification and identification.

EXTRACURRICULAR ACTIVITIES

International Volunteer Program   Jan. 2019 - Feb. 2019
- 4 weeks of teaching Basic English and Math to students in Thailand mountain area.

HONORS

Degree of Bachelor of Science with Honors Class I in Computer Science at The University of Leeds   Jul. 2021
Full-Tuition Scholarship at The SWJTU-Leeds Joint School   Oct. 2019