Huimin Liu

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Education

09/2016 – 07/2020   School of Software Engineering, Dalian University of Technology, China

- GPA：3.82
- Major Courses Scores: Discrete Mathematics (98)   Operating System (97)   Computer Network (94)
  Object-oriented Approach and C++ programming (93)   Data Structure (92)

09/2019 – 06/2020   University of California, Irvine, US

- An one-year Exchange student
- Computer Science, Donald Bren School of Information and Computer Science

09/2020 – 12/2021   Northwestern University, US

- Master of Science in Computer Science Student

Project Experience

12/2017-05/2018   Access control system based on face recognition technology

☞ Used the OpenCV computer vision library to implement the Adaboost algorithm, realized the detection of the candidate face, then posited face feature and filtered non-face candidate.

☞ I was responsible for literature review. I read more than 10 English paper then summarized the main point and shared them with our team members. Beside, I learned Adaboost face detection algorithm and used PCA algorithm for dimensionality reduction. I also participated in the use of Adaboost algorithm to train classifiers, assisted in the implementation of PCA algorithm.

06/2019—07/2019   CNN text classification system

☞ A text classification system based on convolutional neural network (CNN). We used Tensorflow deep learning library then trained a four-layer CNN to classify text which can be used in the field of sentiment analysis.

☞ As the team leader, I was in charge of managing the whole team and assigning tasks. Besides, I went online to search for related papers and proposed using four-layer CNN including embedding, convolutional, pooling, and output layers. Then I was responsible for preprocessing our data.

Internship

✓ 7/20/2018-9/1/2018 SAP, Dalian   Intern Software Technical Supporter
✓ 7/8/2019- 8/28/2019 Nanjing Dayao Network Technology Co., Ltd   Intern Web Developer

Skill

Programming Language：C/C++, Java, python, HTML/CSS, JavaScript, SQL

Award

Excellent student of Dalian University of Technology (5%)	2018
Outstanding Student Leaders of Dalian University of Technology (2%)	2018-2019
Lingshui (First Class) Fellowship(1.5%)	2018
Academic scholarship Dalian University of Technology	2018
Social Work Scholarship, Arts and Sports Activity Scholarship, Spiritual Civilization Scholarship	2017-2019
School of Software Technology, Dalian University of Technology outstanding volunteer (3%)	2018

Campus Activity

- 09/2016- 07/2018   Two years' working experience at student union
- 07/2018- present   Assistant mentor of the class 1812
- 09/2018- present   Class monitor of the class 1607
- Four times social practice experience won the third prize or above, and outstanding individual prize